

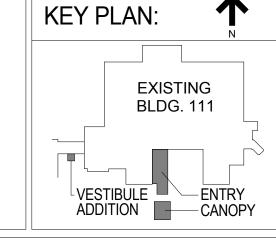
Dept. of Veterans Affairs . Medical Center 5000 W. National Avenue Milwaukee, Wl

Date

Revisions

VA FORM 08-6231, OCT 1978











AS DETERMINED BY THE GOVERNMENT, SHALL BE

PROVIDED.

**Drawing Title** SHEET INDEX Approved: Project Director Chequamegon

SYMBOLS, ABBREVIATIONS &

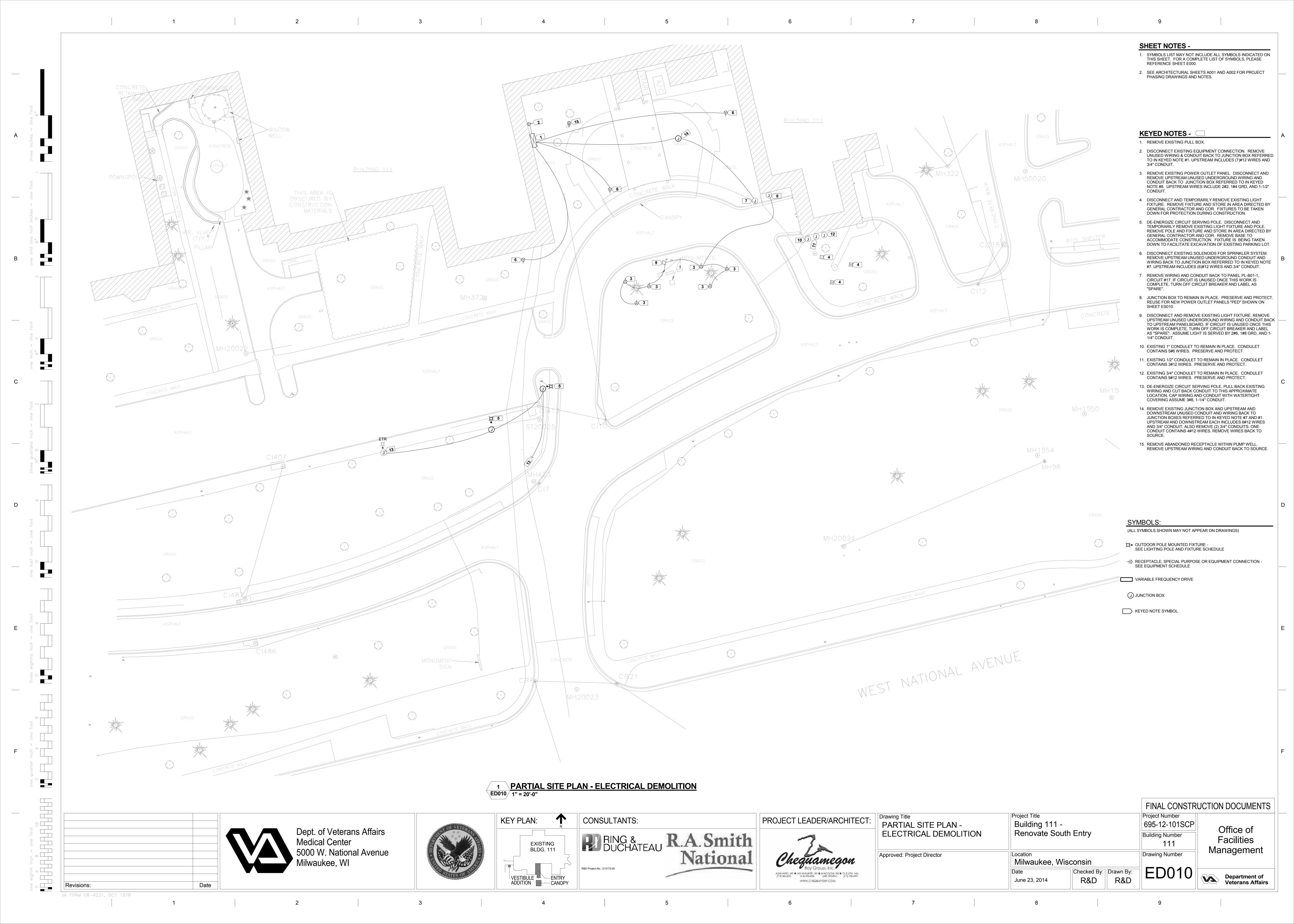
FINAL CONSTRUCTION DOCUMENTS Project Number Project Title Building 111 -695-12-101SCP Renovate South Entry **Building Number Drawing Number** Location

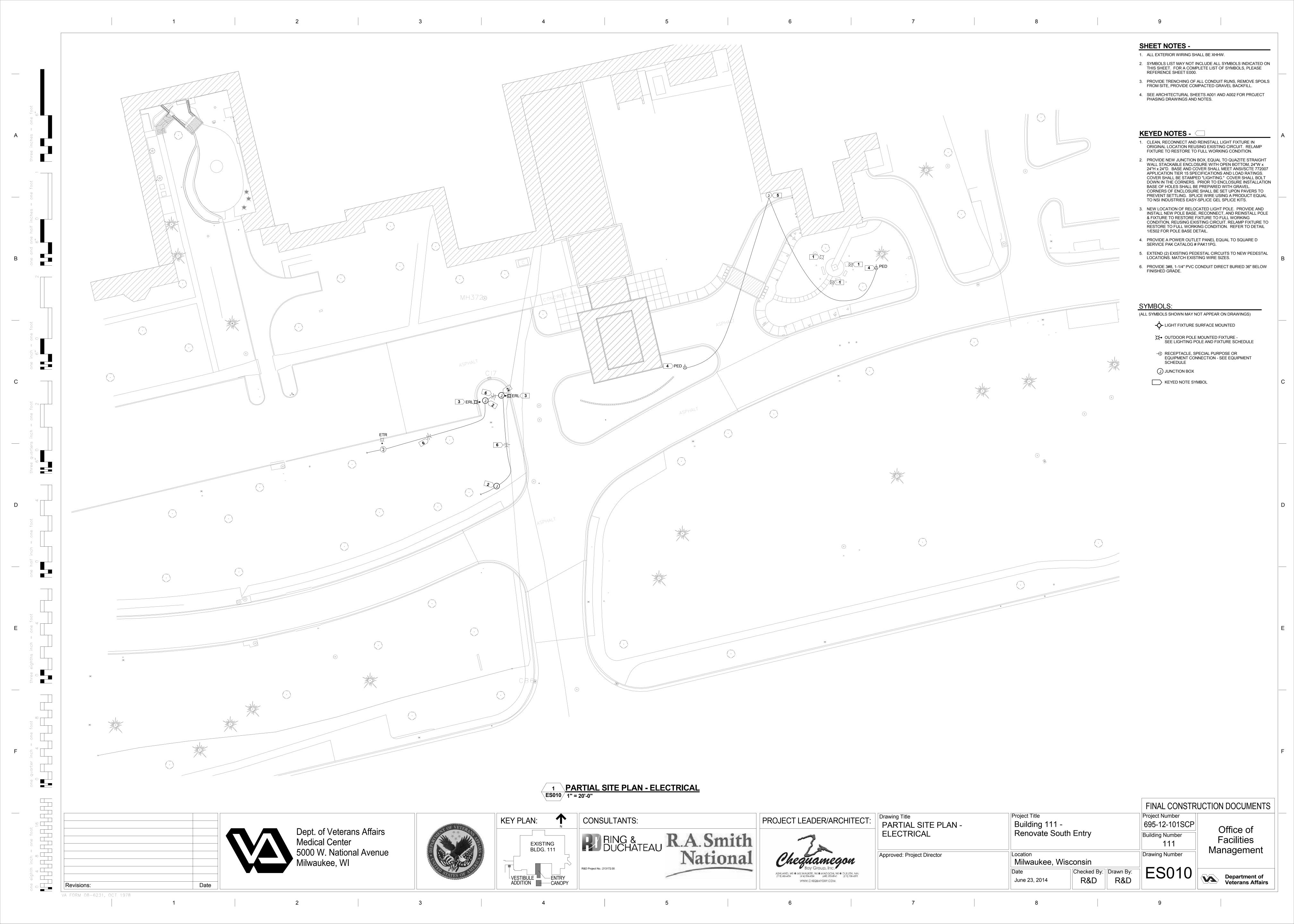
Office of **Facilities** Management

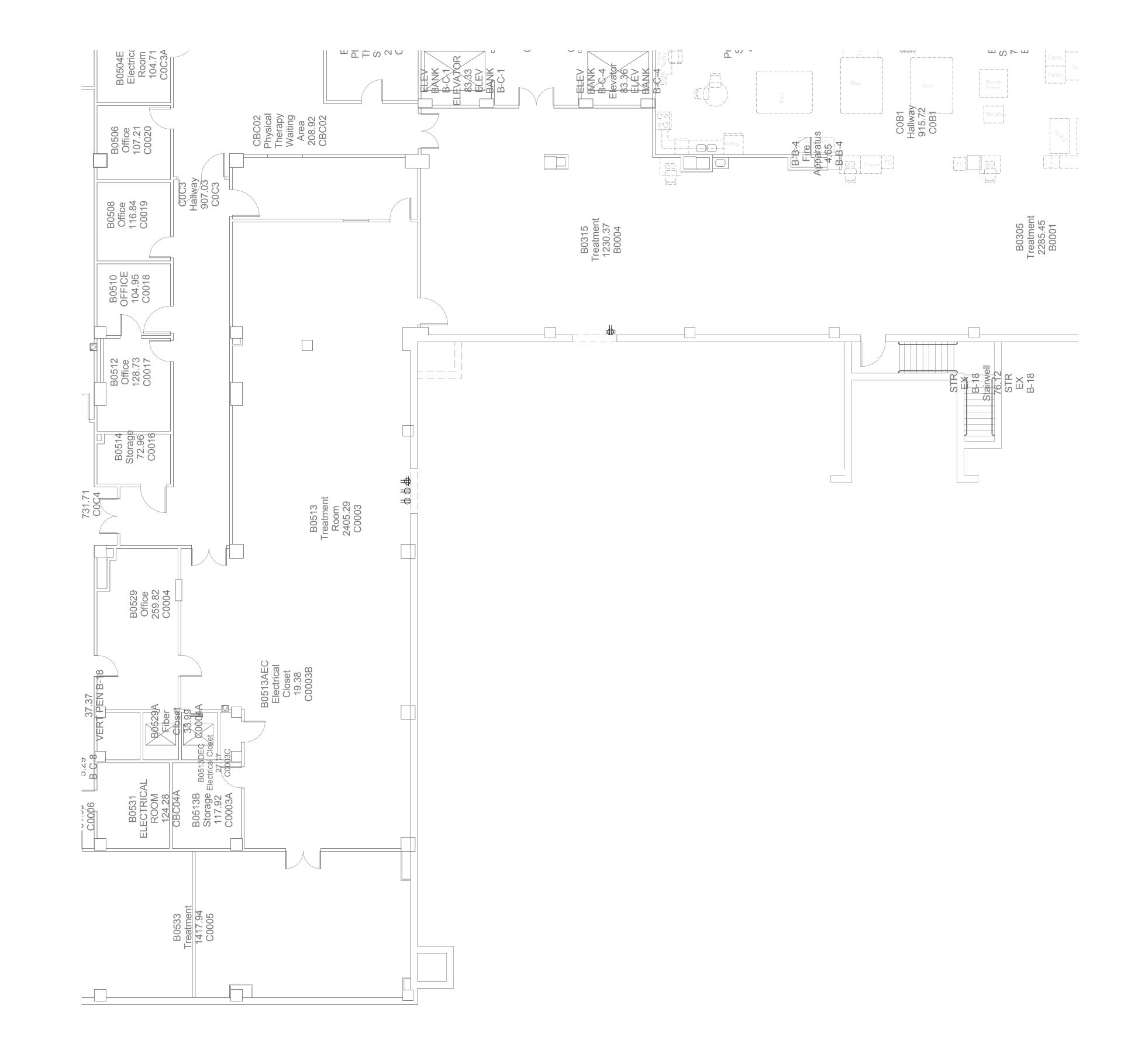
> Department of **Veterans Affairs**

ASHLAND, WI ♠ MILWAUKEE, WI ♠ MADISON, WI ♠ DULUTH, MN (715) 682-6004 (414) 258-6004 (608) 333-8940 (218) 728-4293 WWW.CHEQBAYGRP.COM

Milwaukee, Wisconsin E000 Checked By: Drawn By R&D R&D June 23, 2014







PARTIAL LOWER LEVEL FLOOR PLAN - ELECTRICAL

FINAL CONSTRUCTION DOCUMENTS

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

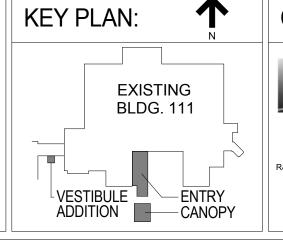
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title
BUILDING 111 - PARTIAL
LOWER LEVEL FLOOR PLAN -
ELECTRICAL DEMOLITION
Approved: Project Director

Project Title	Pro
Building 111 -	69
Renovate South Ent	iry Bu
Location	Dra
Milwaukee, Wiscons	sin

**SHEET NOTES -**

1. ALL EQUIPMENT SHOWN ON DEMOLITION PLAN SHALL BE

2. EC SHALL VERIFY EXISTING CONDITIONS AND IS RESPONSIBLE FOR ANY ADDITIONAL REMOVING, RELOCATING AND EXTENDING CIRCUITS AND DEVICES NECESSARY TO

ACCOMMODATE THE PROPOSED CONSTRUCTION. EC SHALL FIELD VERIFY EXACT DEMOLITION REQUIREMENTS AND INCLUDE ALL ASSOCIATED COSTS. ALL ABANDONED WIRING, CABLE CONDUITS, FITTINGS, BOXES, SUPPORTS, ETC. SHALL BE REMOVED FROM THE DEVICE BACK TO THE SOURCE. UPDATE PANEL DIRECTORIES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL ELECTRICAL DEMOLITION REQUIREMENTS.

3. DASHED WALLS ON THIS PLAN INDICATE IN GENERAL EXISTING WALLS BEING DEMOLISHED. DO NOT RELY ON ELECTRICAL

CONSTRUCTION DEMOLITION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF GENERAL CONSTRUCTION DEMOLITION REQUIRED BY THIS CONTRACT.

4. EC SHALL PROPERLY REMOVE, CLEAN, RELAMP, RELOCATE, AND REINSTALL REUSED FIXTURES. FIXTURES MUST BE IN WORKING CONDITION IN ORDER TO REUSE. IF A REUSED FIXTURE IS NOT IN WORKING CONDITION, EC SHALL NOTIFY THE VA PROJECT MANAGER (PRIOR TO REMOVAL OF FIXTURE)

5. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES, WHERE MOTORS, CONTROL PANELS, AND OTHER LOADS THAT HAVE AN ELECTRICAL CONNECTION ARE BEING REMOVED, INCLUDE THE DISCONNECTION AND REMOVAL OF ASSOCIATED ELECTRICAL FEEDS, CIRCUITS, AND LOOSE CONTROL

6. SEE ARCHITECTURAL DEMOLITION PLANS FOR PHASING, TEMPORARY CONSTRUCTION PARTITION LOCATIONS AND LIMITATIONS ON HOURS OF WORK AND DEMOLITION METHODS

7. ANY SERVICES PASSING THROUGH AREA OF WORK SHALL BE MAINTAINED AND PROTECTED DURING DEMOLITION AND

8. SEE ARCHITECTURAL SHEETS A001 AND A002 FOR PROJECT

ARCHITECTURAL PHASING DRAWINGS. MOUNT AT 8'-0" ON

TEMPORARY ANTE ROOM SHOWN ON THE LOWER LEVEL ARCHITECTURAL PHASING PLAN FOR A TOTAL OF (2) HEAT DETECTORS. DETECTORS SHALL BE REMOVED ONCE

11. PROVIDE (1) TEMPORARY HEAT DETECTOR IN TEMPORARY SERVICE CORRIDOR B002 SHOWN ON THE ARCHITECTURAL PHASING PLANS. HEAT DETECTOR SHALL BE CENTERED IN THE CORRIDOR. DETECTOR SHALL BE REMOVED ONCE

12. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB
TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE

13. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

(WP) WEATHERPROOF W/ GFI RECEPTACLE

⇒ RECEPTACLE, DUPLEX

(IG) ISOLATED GROUND (TD) TRIPLE DUPLEX (TR) TAMPER RESISTANCE

9. PROVIDE (4) TEMPORARY TYPE "SA" FIXTURES FOR TEMPORARY SERVICE CORRIDOR AS SHOWN ON

10. PROVIDE (1) TEMPORARY HEAT DETECTOR IN EACH

CENTER. CONNECT TO PANEL ELH-LS-15-1.

DRAWINGS TO DETERMINE EXTENT OF GENERAL

EQUIPMENT IN THIS CONTRACT.

PHASING DRAWINGS AND NOTES.

CONSTRUCTION IS COMPLETE.

CONSTRUCTION IS COMPLETE.

REFERENCE SHEET E000.

SYMBOLS:

PER THE OWNER.

CONSTRUCTION.

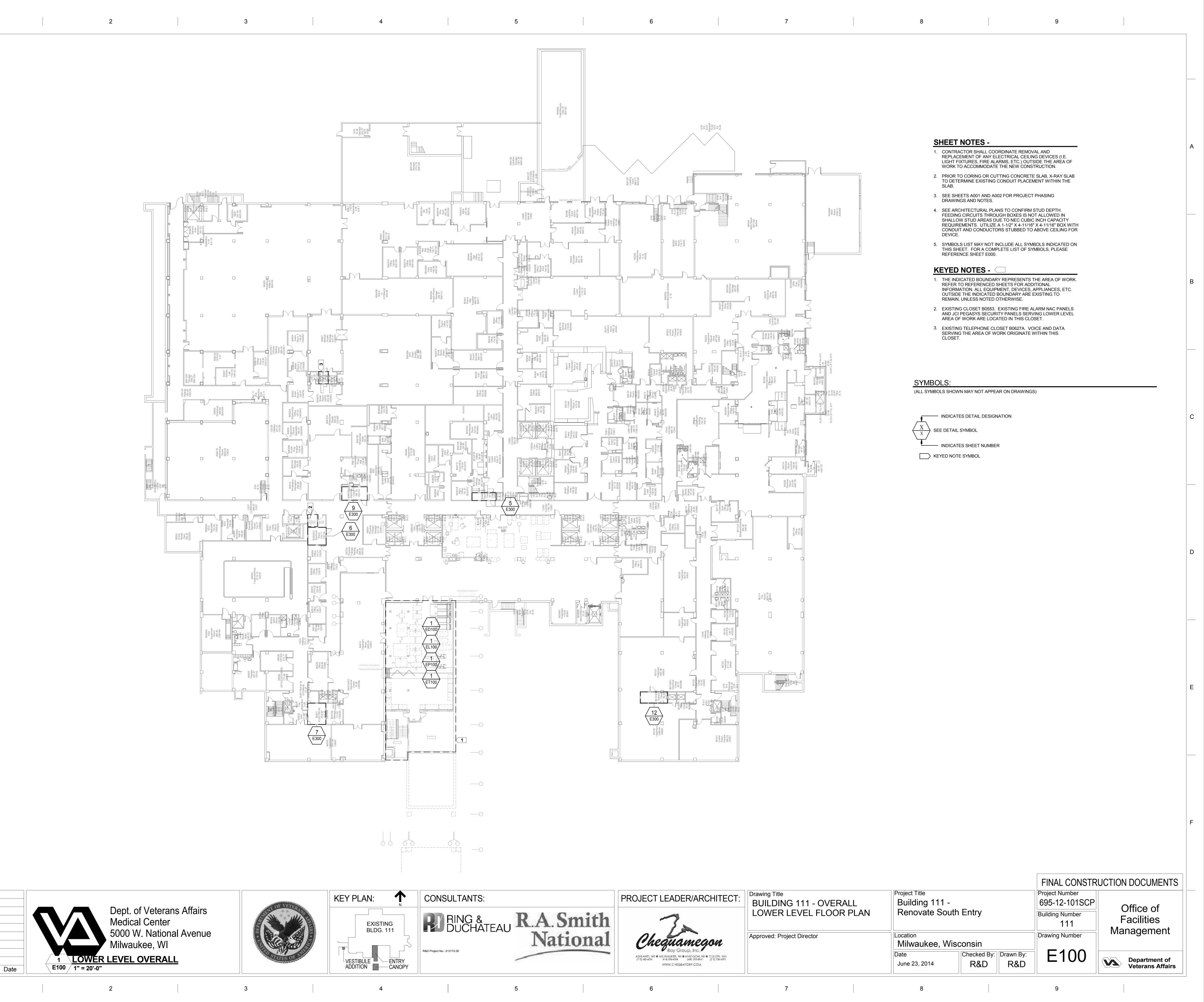
REMOVED, UNLESS INDICATED OTHERWISE.

oject Number 895-12-101SCP Office of Building Number **Facilities** Management Prawing Number

Department of Veterans Affairs

June 23, 2014

Checked By: Drawn By R&D R&D

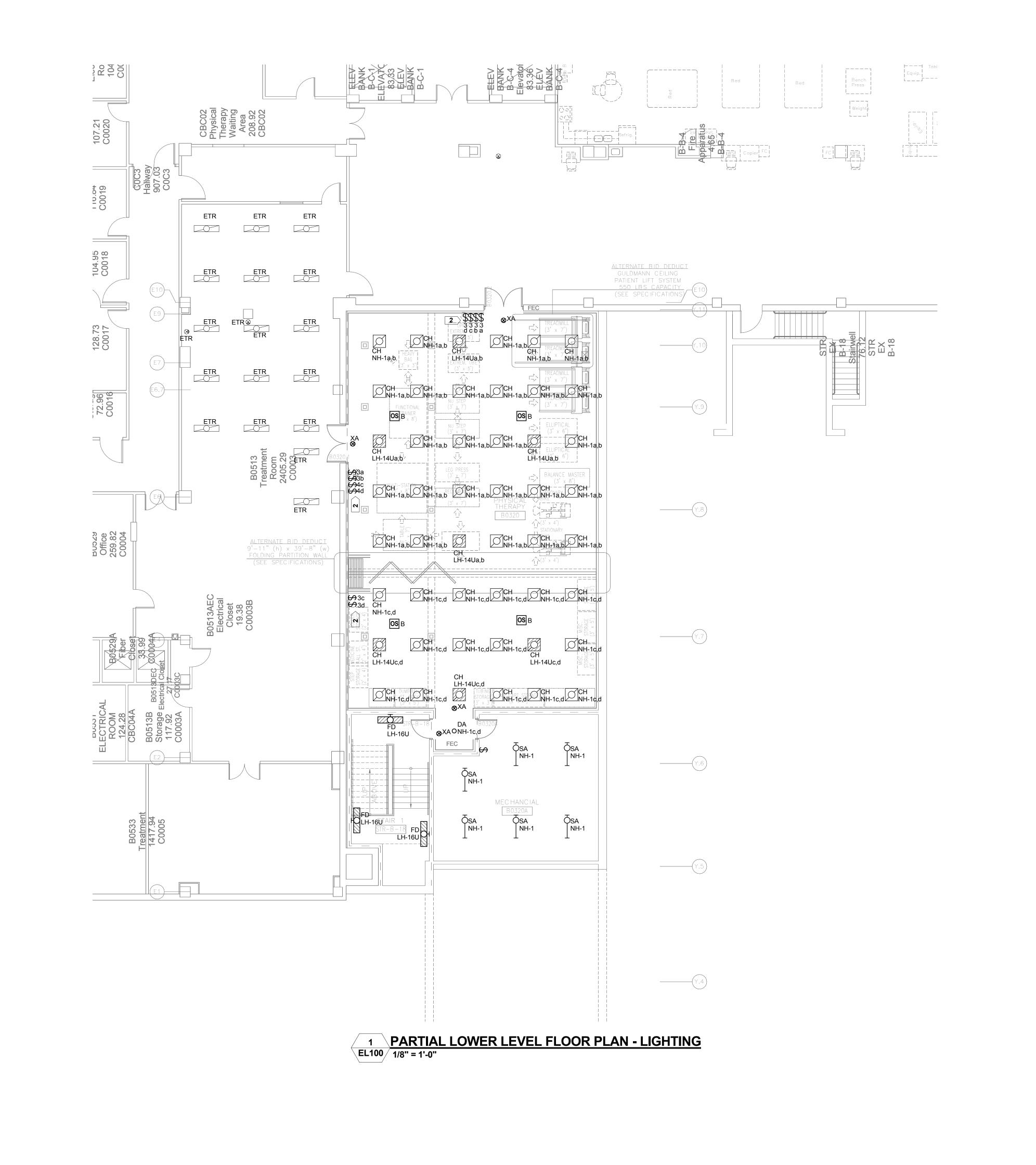


one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978



SHEET NOTES -

OTHERWISE.

1. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS: - NORMAL POWER BRANCH CIRCUIT 'NH' IS 480/277V AND SHALL BE FED FROM PANEL LH-B03-1, UNLESS NOTED OTHERWISE. - NORMAL POWER BRANCH CIRCUIT 'NL' IS 208/120V AND SHALL BE FED FROM PANEL PL-B03-1, UNLESS NOTED OTHERWISE. - CRITICAL POWER BRANCH CIRCUIT 'CH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-CR-16-1, UNLESS NOTED OTHERWISE. - CRITICAL POWER BRANCH CIRCUIT 'CL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-CR-13-1, UNLESS NOTED OTHERWISE. - EQUIPMENT POWER BRANCH CIRCUIT 'QL' IS 208/120V AND SHALL BE FED FROM PANEL EDL-Q-B06-1, UNLESS NOTED OTHERWISE. - LIFE SAFETY POWER BRANCH CIRCUIT 'LH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-LS-15-1, UNLESS NOTED - LIFE SAFETY POWER BRANCH CIRCUIT 'LL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-LS-11-2, UNLESS NOTED

- 2. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.
- 3. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKER IN THE PANEL. RATHER, THE NUMBER INDICATES WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPARES, SPACES AND CIRCUITS RELIEVED FROM DUTY TO PROVIDE THE INDICATED NUMBER OF CIRCUITS.
- 4. EXISTING TO REMAIN, "ETR", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISITING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
- 5. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES IN MECHANICAL, TELE/DATA, AND ELECTRICAL ROOMS TO AVOID CONFLICT WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES, AND STRUCTURAL MEMBERS, FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING. DUCT WORK AND UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
- 6. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE
- 7. PROVIDE (4) TEMPORARY TYPE "SA" FIXTURES FOR TEMPORARY SERVICE CORRIDOR AS SHOWN ON PHASING DRAWINGS MOUNT AT 8'-0" ON CENTER. CONNECT TO PANEL ELH-LS-15-1. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
- 8. ALL EXIT SIGNS SHALL BE FED FROM LH-18, UNLESS OTHERWISE NOTED.
- 9. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR
- 10. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.

# **KEYED NOTES -**

NOTE NOT USED.

2. REMOVE SWITCH LEGS "c&d" AND EXTEND SWITCH LEGS "a&b" IF FOLDING PARTITION WALL ALTERNATE BID DEDUCT IS ACCEPTED.

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

O LIGHT FIXTURE RECESSED MOUNTED

- LIGHT FIXTURE SURFACE MOUNTED

LIGHT FIXTURE, FLUORESCENT EMERGENCY; LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED FLUORESCENT, 1'x4' LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED FLUORESCENT, 2'x2' LETTER INDICATES TYPE.

LIGHT FIXTURE, STRIP/INDUSTRIAL FLUORESCENT; LETTER

LIGHT FIXTURE, WALL MOUNTED

**₩** EXIT LIGHT - CEILING MOUNTED

SINGLE POLE SWITCH - TOGGLE TYPE SWITCH DESIGNATION SWITCH TYPE (2) DOUBLE POLE (3) 3 WAY (4) 4 WAY (K) KEY OPERATED (P) WITH PILOT LIGHT INDICATION (T) TIMER SWITCH

X OS OCCUPANCY SENSOR - SEE OCCUPANCY SENSOR SCHEDULE

"X" DENOTES SPECIFIC TYPE

(D) DIMMER

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

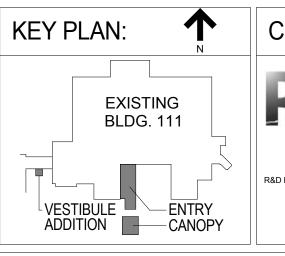
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title BUILDING 111 - PARTIAL LOWER LEVEL FLOOR PLAN - LIGHTING	F
Approved: Project Director	L

Project Title	Project Number
Building 111 -	695-12-101SCP
Renovate South Entry	Building Number 111
Location Milwaukee, Wisconsin	Drawing Number

R&D

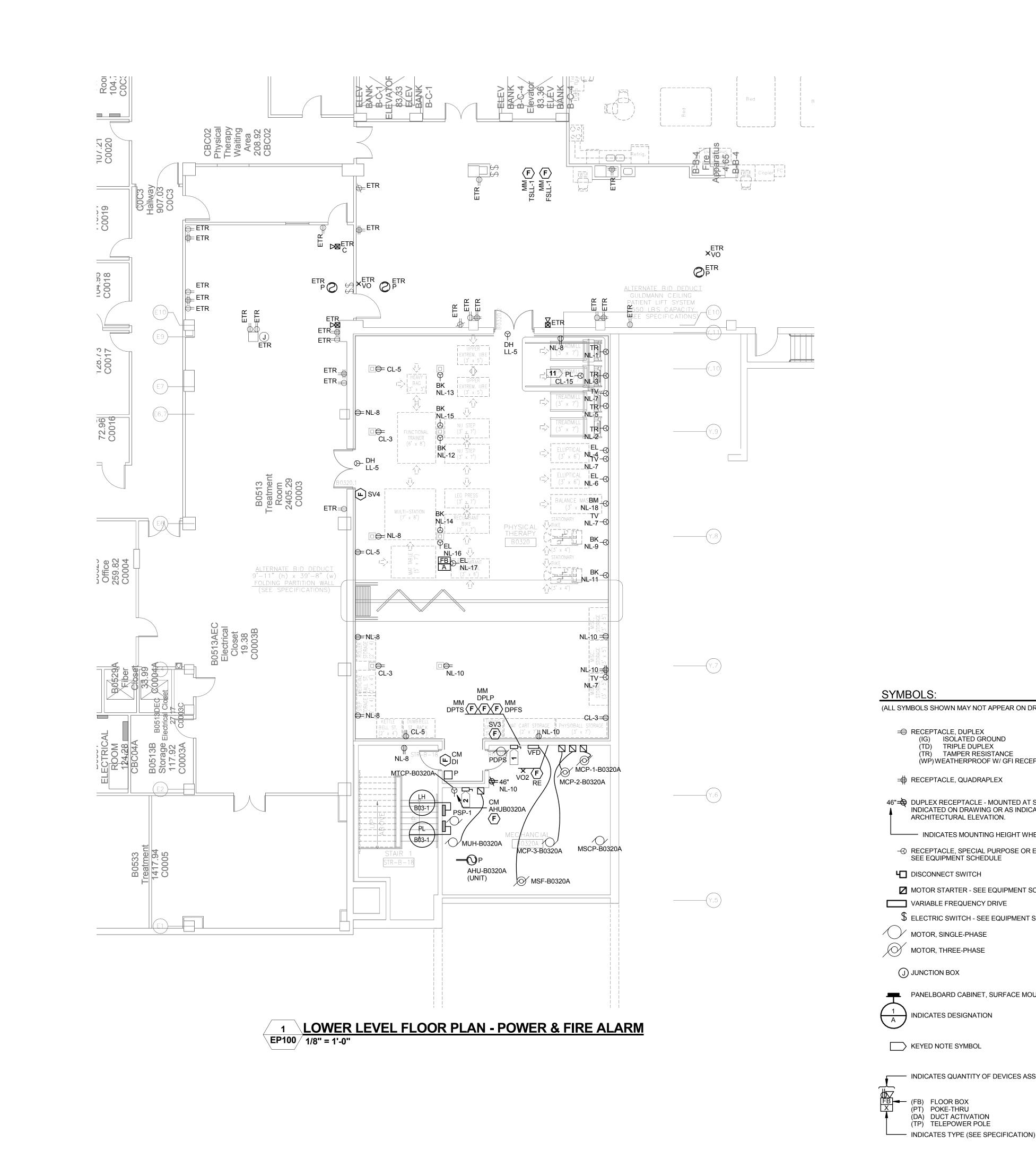
June 23, 2014

Checked By: Drawn By

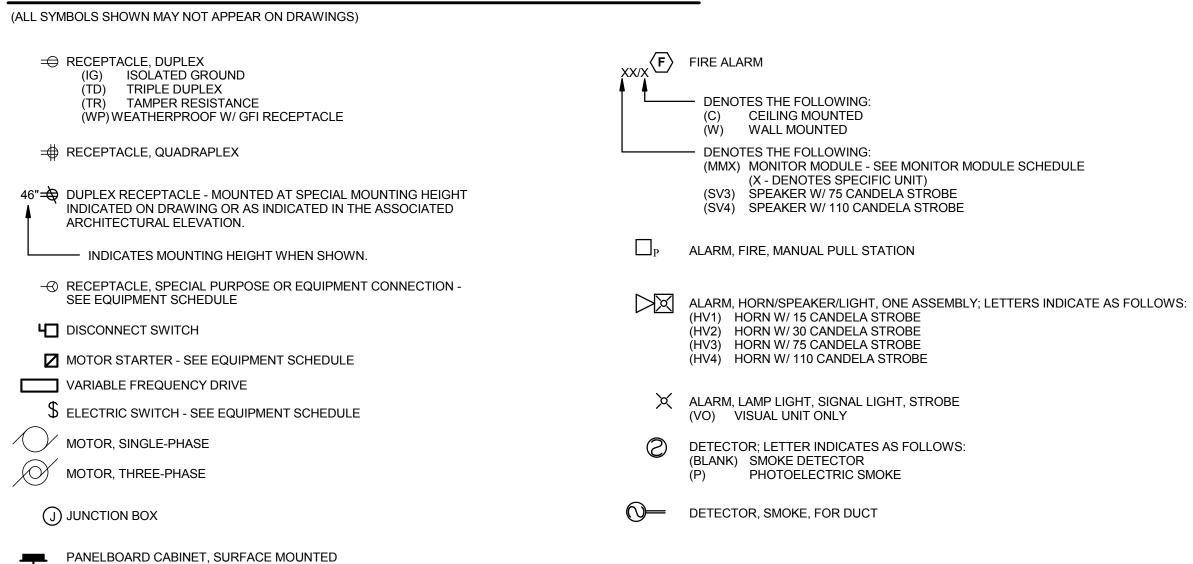
R&D

Office of **Facilities** Management

FINAL CONSTRUCTION DOCUMENTS



SHEET NOTES -1. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS: - NORMAL POWER BRANCH CIRCUIT 'NH' IS 480/277V AND SHALL BE FED FROM PANEL LH-B03-1, UNLESS NOTED OTHERWISE. - NORMAL POWER BRANCH CIRCUIT 'NL' IS 208/120V AND SHALL BE FED FROM PANEL PL-B03-1, UNLESS NOTED OTHERWISE. - CRITICAL POWER BRANCH CIRCUIT 'CH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-CR-16-1, UNLESS NOTED OTHERWISE. - CRITICAL POWER BRANCH CIRCUIT 'CL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-CR-13-1, UNLESS NOTED - EQUIPMENT POWER BRANCH CIRCUIT 'QL' IS 208/120V AND SHALL BE FED FROM PANEL EDL-Q-BO6-1, UNLESS NOTED OTHERWISE. - LIFE SAFETY POWER BRANCH CIRCUIT 'LH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-LS-15-1, UNLESS NOTED OTHERWISE. - LIFE SAFETY POWER BRANCH CIRCUIT 'LL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-LS-11-2, UNLESS NOTED OTHERWISE. 2. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS. 3. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKER IN THE PANEL. RATHER, THE NUMBER INDICATES WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPARES, SPACES AND CIRCUITS RELIEVED FROM DUTY TO PROVIDE THE INDICATED NUMBER OF CIRCUITS. 4. EXISTING TO REMAIN, "ETR", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISITING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES. 5. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES IN MECHANICAL, TELE/DATA, AND ELECTRICAL ROOMS TO AVOID CONFLICT WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES, AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING DUCT WORK AND UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER. 6. ALL FIRE ALARM NOTIFICATION STROBE DEVICES SHOWN ON THIS PLAN SHALL BE SERVED FROM EXISTING NAC PANELS WITHIN EXISTING CLOSET B0553. REFER TO E100 FOR EXISTING PANEL LOCATION. 7. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE SLAB. 8. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES. 9. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE. 10. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000. 11. REMOVE ELECTRICAL CONNECTION TO PATIENT LIFT AS PART OF ALTERNATE BID DEDUCT. KEYED NOTES -1. DISCONNECT FOR MSF-B0320A. 2. DISCONNECT FOR MTCP-B0320A.



Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

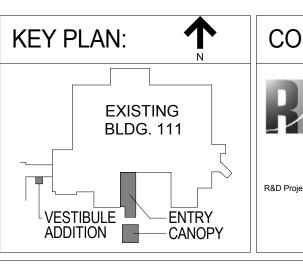
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title **BUILDING 111 - PARTIAL** LOWER LEVEL FLOOR PLAN -POWER & FIRE ALARM Approved: Project Director

(PT) POKE-THRU (DA) DUCT ACTIVATION

INDICATES QUANTITY OF DEVICES ASSOCIATED WITH UNIT

Project Title Building 111 -Renovate South Entry Location

Milwaukee, Wisconsin

June 23, 2014

695-12-101SCP Office of **Facilities** Management

FINAL CONSTRUCTION DOCUMENTS

Project Number

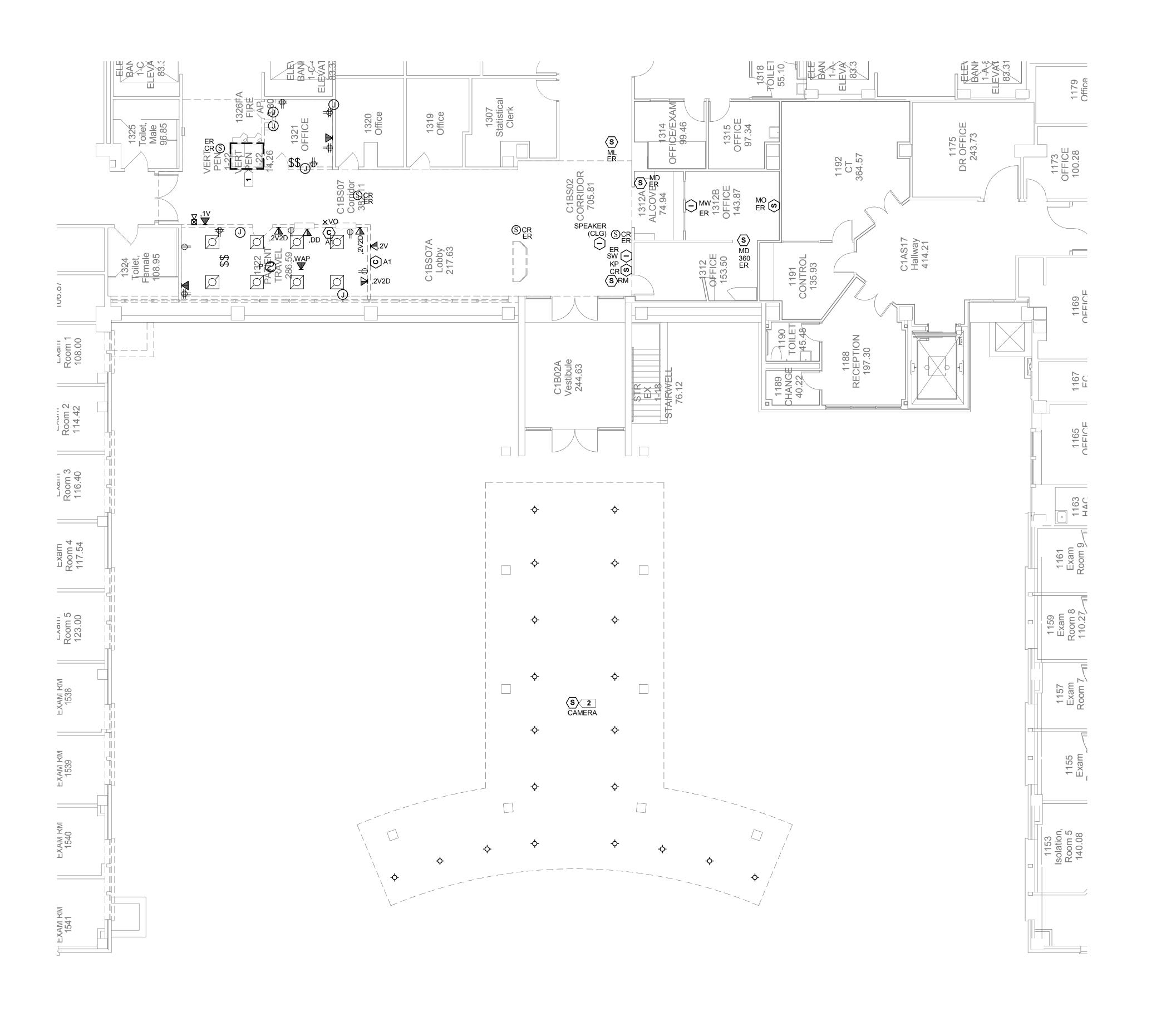
**Building Number** 

**Drawing Number** 

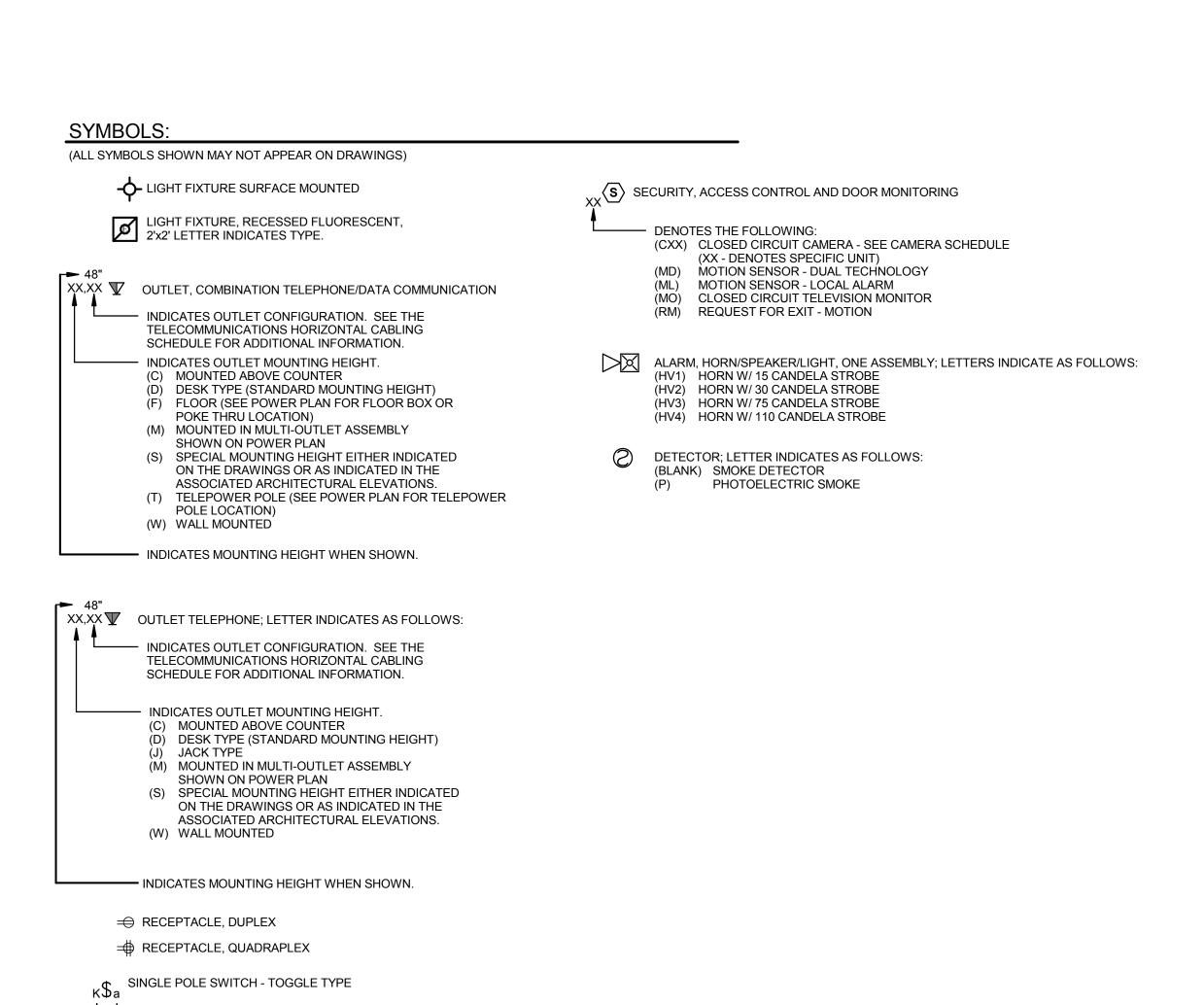
Department of Veterans Affairs

WWW.CHEQBAYGRP.COM

Checked By: Drawn By R&D R&D



PARTIAL FIRST FLOOR PLAN - ELECTRICAL DEMOLITION



**SHEET NOTES -**

1. ALL EQUIPMENT SHOWN ON DEMOLITION PLAN SHALL BE REMOVED, UNLESS INDICATED OTHERWISE.

2. EC SHALL VERIFY EXISTING CONDITIONS AND IS RESPONSIBLE FOR ANY ADDITIONAL REMOVING, RELOCATING AND EXTENDING CIRCUITS AND DEVICES NECESSARY TO ACCOMMODATE THE PROPOSED CONSTRUCTION. EC SHALL FIELD VERIFY EXACT DEMOLITION REQUIREMENTS AND INCLUDE ALL ASSOCIATED COSTS. ALL ABANDONED WIRING, CABLE CONDUITS, FITTINGS, BOXES, SUPPORTS, ETC. SHALL BE REMOVED FROM THE DEVICE BACK TO THE SOURCE. UPDATE PANEL DIRECTORIES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL ELECTRICAL DEMOLITION

3. DASHED WALLS ON THIS PLAN INDICATE IN GENERAL EXISTING WALLS BEING DEMOLISHED. DO NOT RELY ON ELECTRICAL DRAWINGS TO DETERMINE EXTENT OF GENERAL CONSTRUCTION DEMOLITION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF GENERAL CONSTRUCTION DEMOLITION REQUIRED BY THIS CONTRACT.

4. EC SHALL PROPERLY REMOVE, CLEAN, RELAMP, RELOCATE, AND REINSTALL REUSED FIXTURES. FIXTURES MUST BE IN WORKING CONDITION IN ORDER TO REUSE. IF A REUSED FIXTURE IS NOT IN WORKING CONDITION, EC SHALL NOTIFY THE VA PROJECT MANAGER (PRIOR TO REMOVAL OF FIXTURE)

5. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES, WHERE MOTORS, CONTROL PANELS, AND OTHER LOADS THAT HAVE AN ELECTRICAL CONNECTION ARE BEING REMOVED, INCLUDE THE DISCONNECTION AND REMOVAL OF ASSOCIATED ELECTRICAL FEEDS, CIRCUITS, AND LOOSE CONTROL EQUIPMENT IN THIS CONTRACT.

6. SEE ARCHITECTURAL DEMOLITION PLANS FOR PHASING, TEMPORARY CONSTRUCTION PARTITION LOCATIONS AND LIMITATIONS ON HOURS OF WORK AND DEMOLITION METHODS PER THE OWNER.

7. ANY SERVICES PASSING THROUGH AREA OF WORK SHALL BE MAINTAINED AND PROTECTED DURING DEMOLITION AND

8. SEE ARCHITECTURAL PHASING PLANS SHEETS A001 AND A002

FOR PROJECT PHASING DRAWINGS AND NOTES. 9. PROVIDE (10) TEMPORARY TYPE "SA" FIXTURES FOR TEMPORARY SERVICE CORRIDOR AS SHOWN ON

ARCHITECTURAL PHASING DRAWINGS. MOUNT AT 8'-0" ON

CENTER. CONNECT TO PANEL ELH-LS-15-1. 10. PROVIDE (1) TEMPORARY HEAT DETECTOR IN EACH FIRST FLOOR TEMPORARY ANTE ROOM SHOWN ON ARCHITECTURAL PHASING PLANS FOR A TOTAL OF (3) ANTE

ROOM DETECTORS. DETECTORS SHALL BE REMOVED

AFTER CONSTRUCTION IS COMPLETE. 11. PROVIDE (3) TEMPORARY HEAT DETECTORS IN TEMPORARY SERVICE CORRIDOR 103 SHOWN ON THE ARCHITECTURAL PHASING PLANS. DETECTORS SHALL BE MOUNTED SUCH THAT THEY ARE 30' ON CENTER. DETECTORS SHALL BE

REMOVED ONCE CONSTRUCTION IS COMPLETE. 12. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN

13. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.

KEYED NOTES -

CONSTRUCTION.

1. EXISTING VERTICAL UTILITY CHASE TO BE RELOCATED.

2. EXISTING 360 DEGREE CAMERA TO BE RELOCATED. REFER TO ET101 FOR NEW CAMERA LOCATION.

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

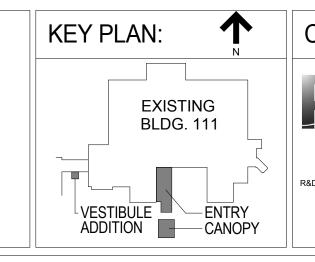
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Revisions:

VA FORM 08-6231, OCT 1978









г.	Drawing Title
١.	BUILDING 111 - PARTIAL FIRST
	FLOOR PLAN - ELECTRICAL
	DEMOLITION
	Approved: Project Director

SWITCH DESIGNATION

(2) DOUBLE POLE

(K) KEY OPERATED

(T) TIMER SWITCH

(P) WITH PILOT LIGHT INDICATION

(A1) ANALOG TYPE, 12" DIAMETER ROUND, SINGLE FACED

(HW) COMBINATION HOUSE PAGING & WIRED RADIO

(TS) TELEVISION SOUND REINFORCEMENT SYSTEM (WR) WIRED RADIO

(PM) PROCEDURE ROOM - MUSIC SYSTEM

(CR) CEILING MOUNTED RECESSED SPEAKER

(PC) PROCEDURE ROOM - TWO WAY COMMUNICATION

SWITCH TYPE

(3) 3 WAY (4) 4 WAY

(D) DIMMER

KEYED NOTE SYMBOL

DENOTES THE FOLLOWING:

DENOTES THE FOLLOWING

S CEILING PAGING AND SOUND SYSTEM

(DP) DEPARTMENTAL PAGING

DENOTES THE FOLLOWING:

(HP) HOUSE PAGING

(LM) LOCAL MUSIC

- DENOTES THE FOLLOWING:

(MD) MASTER STATION - DESK MOUNTED (MW) MASTER STATION - WALL MOUNTED

(SW) SLAVE STATION - WALL MOUNTED

J JUNCTION BOX

C CLOCK SYSTEM

⟨I⟩ INTERCOM SYSTEM

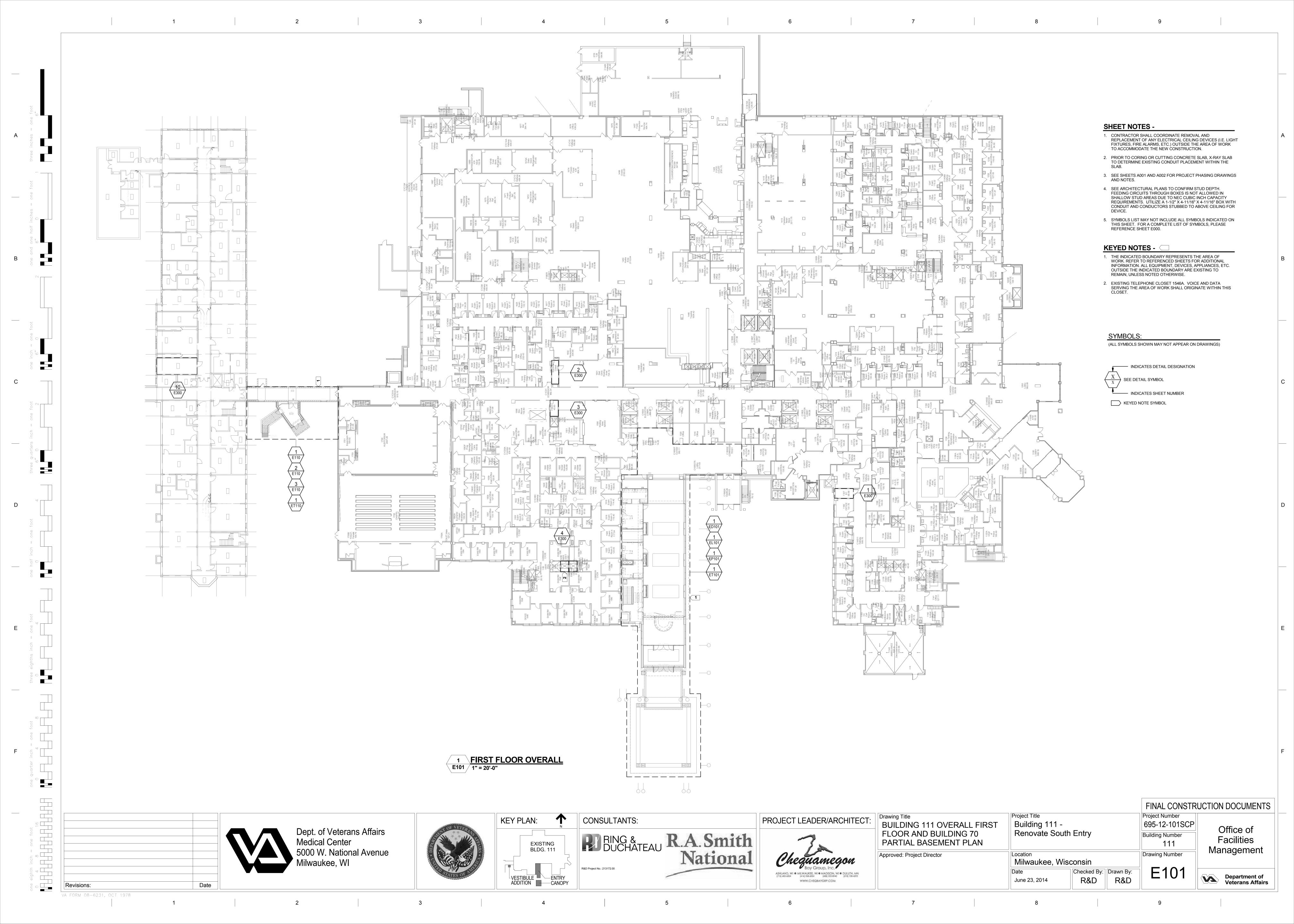
	FINAL CONSTRU	JCTION DOCUMENTS
Project Title	Project Number	
Building 111 -	695-12-101SCP	Office of
Renovate South Entry	Building Number	
	111	Facilities Management
Location	Drawing Number	Management
Milwaukee, Wisconsin		

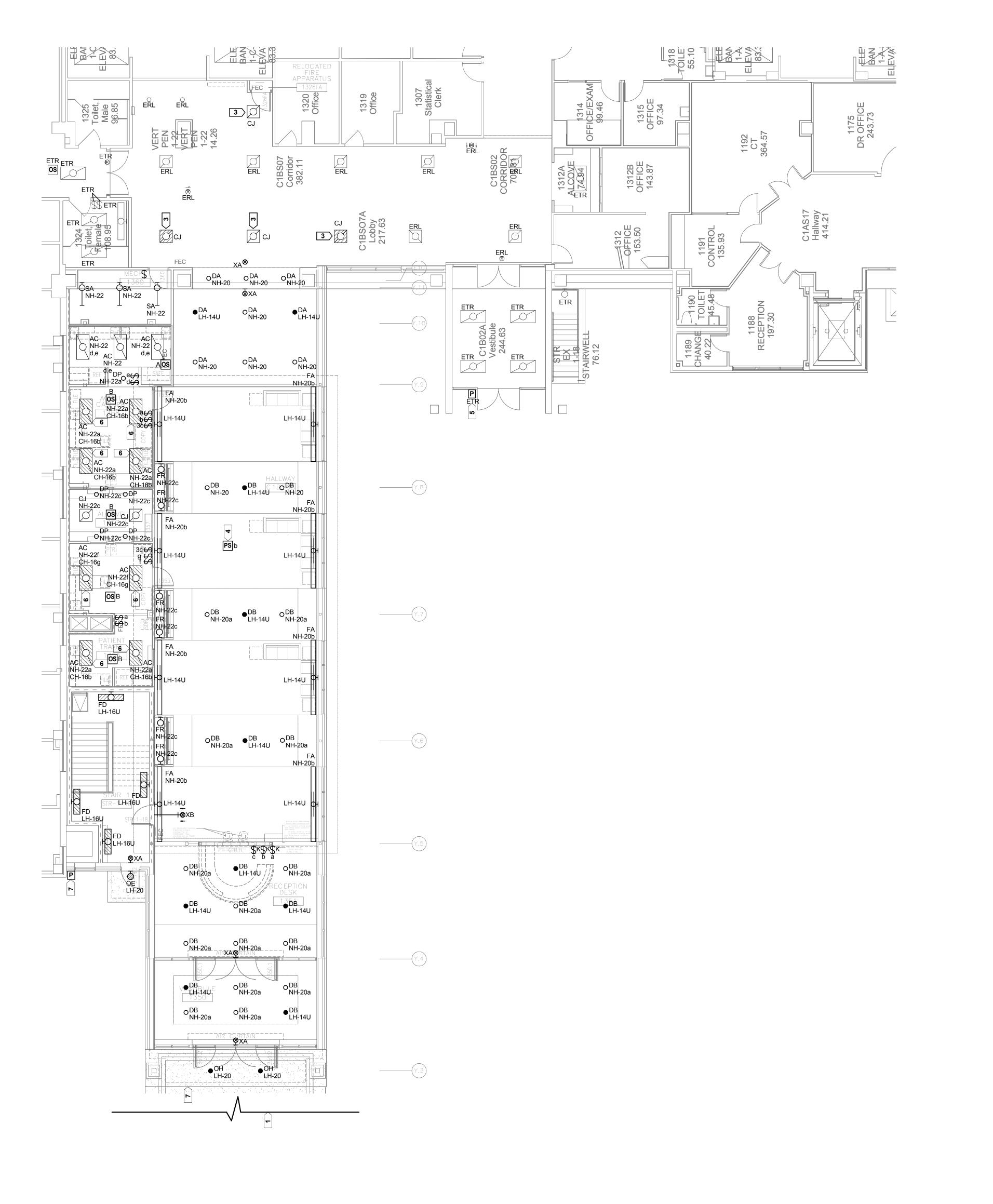
R&D

June 23, 2014

Checked By: Drawn By:

R&D





PARIAL FIRST FLOOR 'CANOPY' PLAN - LIGHTING

**SHEET NOTES -**

OTHERWISE.

OTHERWISE.

1. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS: - NORMAL POWER BRANCH CIRCUIT 'NH' IS 480/277V AND SHALL BE FED FROM PANEL UH-16-1, UNLESS NOTED

OTHERWISE. - NORMAL POWER BRANCH CIRCUIT 'NL' IS 208/120V AND SHALL BE FED FROM PANEL PL-13-1. UNLESS NOTED OTHERWISE. - CRITICAL POWER BRANCH CIRCUIT 'CH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-CR-16-1, UNLESS NOTED

- CRITICAL POWER BRANCH CIRCUIT 'CL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-CR-13-1, UNLESS NOTED - LIFE SAFETY POWER BRANCH CIRCUIT 'LH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-LS-15-1, UNLESS NOTED OTHERWISE. - LIFE SAFETY POWER BRANCH CIRCUIT 'LL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-LS-11-2, UNLESS NOTED

2. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT

LOCATIONS AND MOUNTING HEIGHTS.

3. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKER IN THE PANEL, RATHER. THE NUMBER INDICATES WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPARES, SPACES AND CIRCUITS RELIEVED FROM DUTY TO PROVIDE THE INDICATED NUMBER OF CIRCUITS.

4. EXISTING TO REMAIN, "ETR", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISITING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.

5. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES IN MECHANICAL, TELE/DATA, AND ELECTRICAL ROOMS TO AVOID CONFLICT WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES, AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING. DUCT WORK AND UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.

6. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE

7. PROVIDE (10) TEMPORARY TYPE "SA" FIXTURES FOR TEMPORARY SERVICE CORRIDOR AS SHOWN ON PHASING DRAWINGS. MOUNT AT 8'-0" ON CENTER. CONNECT TO PANEL ELH-LS-15-1. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.

8. ALL EXIT SIGNS SHALL BE FED FROM LH-18, UNLESS NOTED OTHERWISE.

9. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.

10. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.

### **KEYED NOTES -**

1. REFER TO 1/EL101 FOR CONTINUATION.

2. REFER TO 2/EL101 FOR CONTINUATION.

3. EC SHALL CAPTURE AND EXTEND THE CIRCUIT AND CONTROLS SERVING THE ADJACENT FIXTURES.

4. PROVIDE PHOTOSENSOR IN THIS LOCATION TO CONTROL FIXTURE TYPE "FA." FOOT CANDLE THRESHOLD SHALL BE SET WITH THE OWNER PRIOR TO COMPLETION.

5. EC SHALL VERIFY IF EXISTING PHOTOCELL SERVES ONLY THE DEMOLISHED CANOPY LIGHTING. IF SO, REMOVE.

6. CENTER LAMP OF FIXTURE SHALL BE CONNECTED TO CRITICAL POWER BRANCH CIRCUIT AND (2) OUTBOARD LAMPS SHALL BE CONNECTED TO NORMAL POWER BRANCH

7. ALL CANOPY LIGHTING SHALL BE CONTROLLED BY THE NEW PHOTOCELL FOR DUSK UNTIL DAWN OPPERATION.

# SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

O LIGHT FIXTURE RECESSED MOUNTED

- LIGHT FIXTURE CEILING MOUNTED

LIGHT FIXTURE, RECESSED FLUORESCENT, 2'x4' LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED FLUORESCENT, 1'x4' LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED FLUORESCENT, 2'x2' LETTER INDICATES TYPE.

LIGHT FIXTURE, FLUORESCENT EMERGENCY; LETTER INDICATES TYPE.

LIGHT FIXTURE, STRIP/INDUSTRIAL FLUORESCENT; LETTER

LIGHT FIXTURE, WALL MOUNTED

**₩** EXIT LIGHT - CEILING MOUNTED

SINGLE POLE SWITCH - TOGGLE TYPE

SWITCH DESIGNATION — SWITCH TYPE (2) DOUBLE POLE

(D) DIMMER

(3) 3 WAY (4) 4 WAY (K) KEY OPERATED (P) WITH PILOT LIGHT INDICATION (T) TIMER SWITCH

P PHOTO-CELL

X OS OCCUPANCY SENSOR - SEE OCCUPANCY SENSOR SCHEDULE

"X" DENOTES SPECIFIC TYPE

KEYED NOTE SYMBOL

FINAL CONSTRUCTION DOCUMENTS Project Number

695-12-101SCP Office of **Building Number Facilities** Management **Drawing Number** 

Department of Veterans Affairs

1 PARIAL FIRST FLOOR 'ENTRY' PLAN - LIGHTING
EL101 1/8" = 1'-0"

one eighth inch = one foot

0 4 8 16

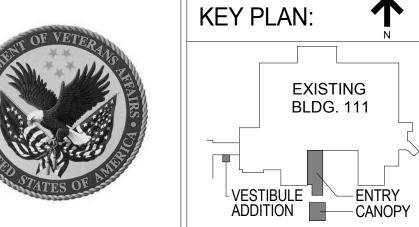
Revisions:

VA FORM 08-6231, OCT 1978



Date

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI







Approved: Project Director

**BUILDING 111 - PARTIAL FIRST** 

FLOOR PLAN - LIGHTING

Drawing Title

Location

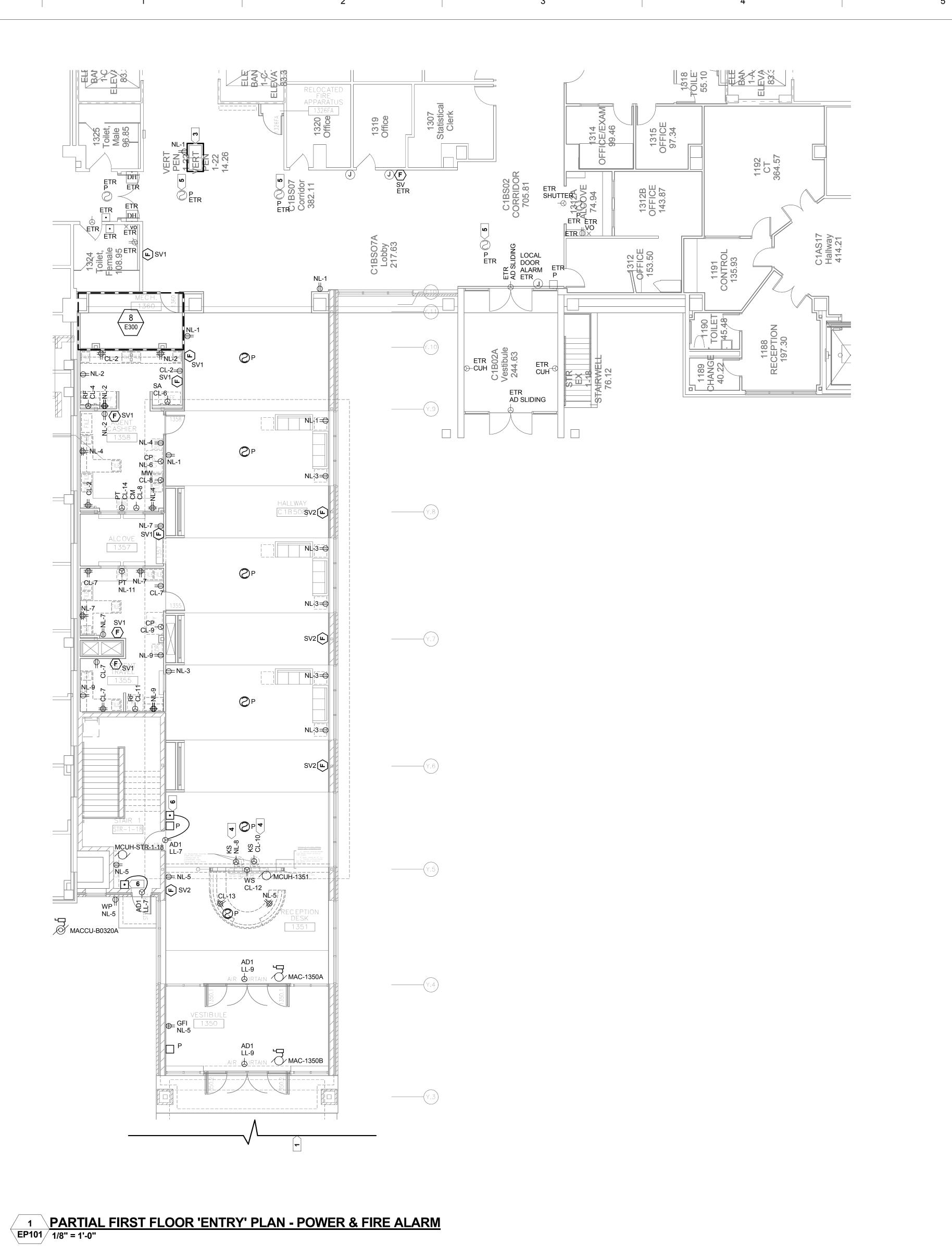
Milwaukee, Wisconsin June 23, 2014

Project Title

Building 111 -

Renovate South Entry

EL Checked By: Drawn By R&D R&D



**SHEET NOTES -**

1. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS: - NORMAL POWER BRANCH CIRCUIT 'NH' IS 480/277V AND SHALL BE FED FROM PANEL UH-16-1, UNLESS NOTED OTHERWISE. - NORMAL POWER BRANCH CIRCUIT 'NL' IS 208/120V AND SHALL BE FED FROM PANEL PL-13-1, UNLESS NOTED OTHERWISE. - CRITICAL POWER BRANCH CIRCUIT 'CH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-CR-16-1, UNLESS NOTED - CRITICAL POWER BRANCH CIRCUIT 'CL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-CR-13-1, UNLESS NOTED OTHERWISE. - LIFE SAFETY POWER BRANCH CIRCUIT 'LH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-LS-15-1, UNLESS NOTED - LIFE SAFETY POWER BRANCH CIRCUIT 'LL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-LS-11-2, UNLESS NOTED OTHERWISE.

2. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT

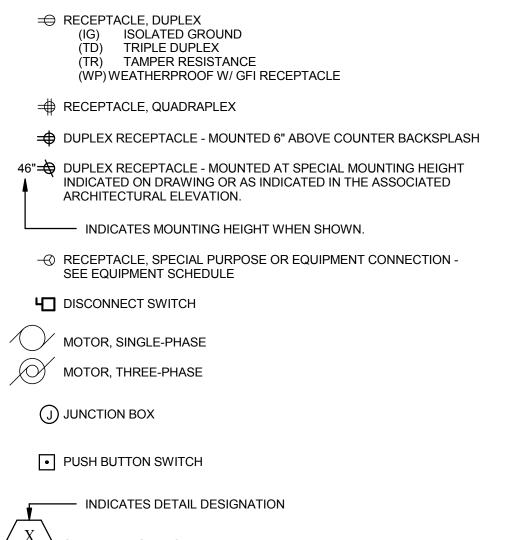
LOCATIONS AND MOUNTING HEIGHTS.

- 3. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKER IN THE PANEL. RATHER, THE NUMBER INDICATES WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPARES, SPACES AND CIRCUITS RELIEVED FROM DUTY TO PROVIDE THE INDICATED NUMBER OF CIRCUITS.
- 4. EXISTING TO REMAIN, "ETR", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISITING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
- 5. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES IN MECHANICAL, TELE/DATA, AND ELECTRICAL ROOMS TO AVOID CONFLICT WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES, AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING. DUCT WORK AND UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
- 6. ALL FIRE ALARM NOTIFICATION STROBE DEVICES SHOWN ON THIS PLAN SHALL BE SERVED FROM EXISTING NAC PANELS WITHIN EXISTING CLOSET 1568A. REFER TO E101 AND E300 FOR EXISTING PANEL LOCATION.
- 7. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE
- 8. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
- 9. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.
- 10. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.

#### **KEYED NOTES -**

- 1. REFER TO 1/EP101 FOR CONTINUATION.
- 2. REFER TO 2/EP101 FOR CONTINUATION.
- 3. NEW LOCATION OF VERTICAL UTILITY CHASE.
- 4. STUB CONDUIT THROUGH FLOOR INTO KIOSK BASE. MOUNT OUTLET WITHIN KIOSK BASE.
- 5. THE INDICATED DEVICE SHALL BE REMOVED TO ALLOW FOR NEW CEILING CONSTRUCTION. RE-INSTALL DEVICE IN THE SAME LOCATION ONCE CEILING CONSTRUCTION IS COMPLETE.
- 6. PUSH BUTTON ACTUATOR PROVIDED BY OTHERS. FOR REFERENCE ONLY.

2 PARTIAL FIRST FLOOR 'CANOPY' PLAN - POWER & FIRE ALARM EP101 / 1/8" = 1'-0"



XX/X F FIRE ALARM DENOTES THE FOLLOWING: (C) CEILING MOUNTED (W) WALL MOUNTED DENOTES THE FOLLOWING: (SV1) SPEAKER W/ 15 CANDELA STROBE (SV2) SPEAKER W/ 30 CANDELA STROBE

ALARM, FIRE, MANUAL PULL STATION

(VO) VISUAL UNIT ONLY

(VO1) VISUAL UNIT ONLY, 15 CANDELA STROBE (VO2) VISUAL UNIT ONLY, 30 CANDELA STROBE (V03) VISUAL UNIT ONLY, 75 CANDELA STROBE (VO4) VISUAL UNIT ONLY, 110 CANDELA STROBE

ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE

DETECTOR; LETTER INDICATES AS FOLLOWS: (P) PHOTOELECTRIC SMOKE

DH ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET

 $\xrightarrow{\Lambda}$  SEE DETAIL SYMBOL

KEYED NOTE SYMBOL

CONSTRUCTION DOCUMENTS

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

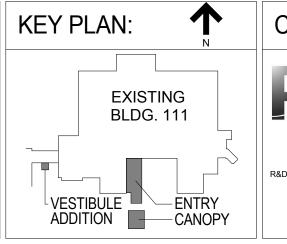
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title
BUILDING 111 - PARTIAL FIRST
FLOOR PLAN - POWER & FIRE
ALARM
Approved: Project Director

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

	FINAL CC
Project Title	Project Number
Building 111 -	695-12-10
Renovate South Entry	Building Numb
	111
Location	Drawing Numb
Milwaukee, Wisconsin	

R&D

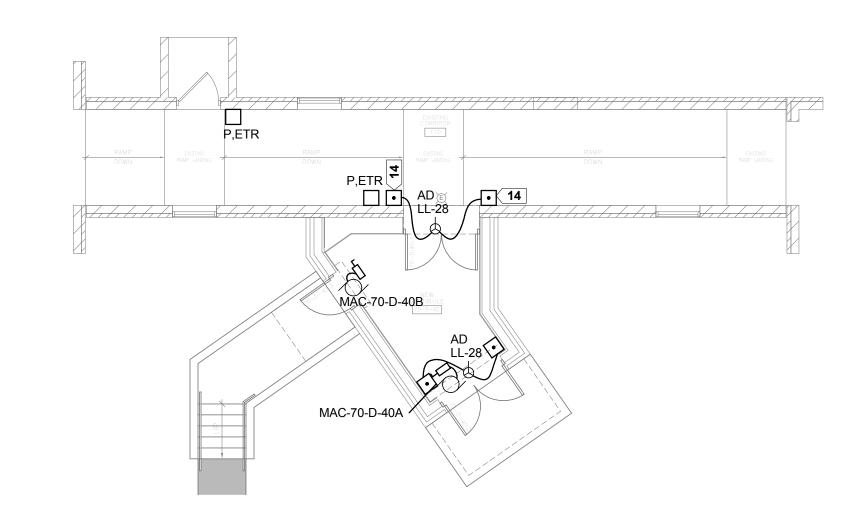
Office of **Facilities** Management

Department of Veterans Affairs

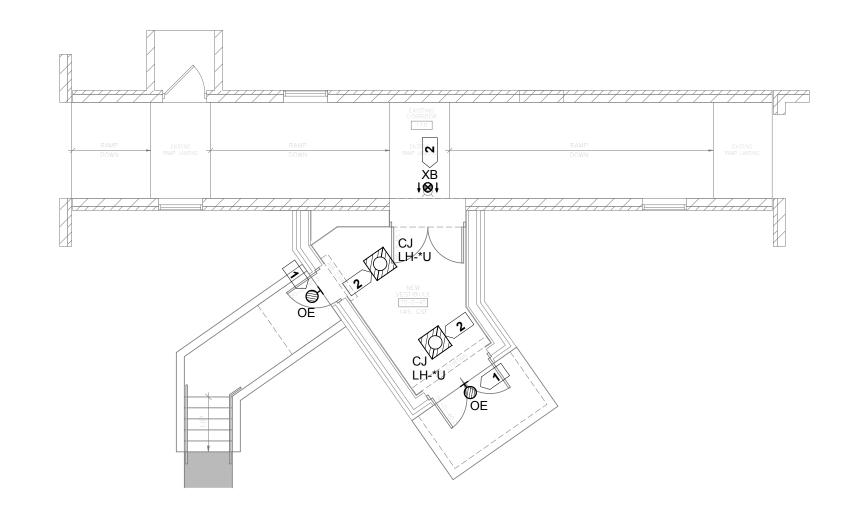
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June 23, 2014

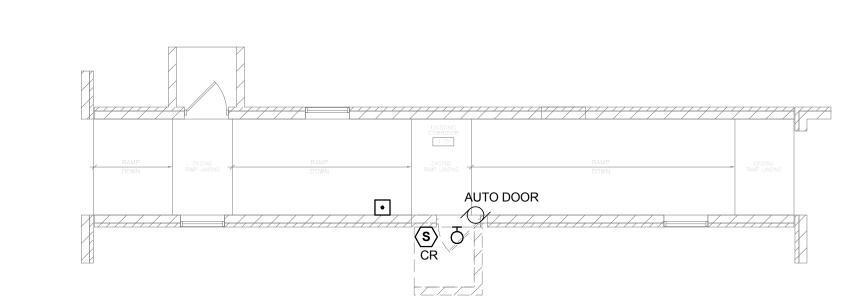
Checked By: Drawn By: R&D



PARTIAL FIRST FLOOR PLAN - CONNECTING CORRIDOR -POWER & FIRE ALARM E110 / 1/8" = 1'-0"



PARTIAL FIRST FLOOR PLAN -CONNECTING CORRIDOR -



PARTIAL FIRST FLOOR PLAN - CONNECTING CORRIDOR -1 ELECTRICAL DEMOLITION

**SHEET NOTES -**

- 1. ALL EQUIPMENT SHOWN ON DEMOLITION PLAN SHALL BE REMOVED, UNLESS INDICATED OTHERWISE.
- 2. EC SHALL VERIFY EXISTING CONDITIONS AND IS RESPONSIBLE FOR ANY ADDITIONAL REMOVING, RELOCATING AND EXTENDING CIRCUITS AND DEVICES NECESSARY TO ACCOMMODATE THE PROPOSED CONSTRUCTION. EC SHALL FIELD VERIFY EXACT DEMOLITION REQUIREMENTS AND INCLUDE ALL ASSOCIATED COSTS. ALL ABANDONED WIRING, CABLE CONDUITS, FITTINGS, BOXES, SUPPORTS, ETC. SHALL BE REMOVED FROM THE DEVICE BACK TO THE SOURCE. UPDATE PANEL DIRECTORIES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL ELECTRICAL DEMOLITION REQUIREMENTS.
- 3. DASHED WALLS ON THIS PLAN INDICATE IN GENERAL EXISTING WALLS BEING DEMOLISHED. DO NOT RELY ON ELECTRICAL DRAWINGS TO DETERMINE EXTENT OF GENERAL CONSTRUCTION DEMOLITION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF GENERAL
- 4. EC SHALL PROPERLY REMOVE, CLEAN, RELAMP, RELOCATE, AND REINSTALL REUSED FIXTURES. FIXTURES MUST BE IN WORKING CONDITION IN ORDER TO REUSE. IF A REUSED FIXTURE IS NOT IN WORKING CONDITION, EC SHALL NOTIFY THE VA PROJECT MANAGER (PRIOR TO REMOVAL OF FIXTURE)

CONSTRUCTION DEMOLITION REQUIRED BY THIS CONTRACT.

- 5. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES, WHERE MOTORS, CONTROL PANELS, AND OTHER LOADS THAT HAVE AN ELECTRICAL CONNECTION ARE BEING REMOVED, INCLUDE THE DISCONNECTION AND REMOVAL OF ASSOCIATED ELECTRICAL FEEDS, CIRCUITS, AND LOOSE CONTROL EQUIPMENT IN THIS CONTRACT.
- 6. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
- 7. ANY SERVICES PASSING THROUGH AREA OF WORK SHALL BE MAINTAINED AND PROTECTED DURING DEMOLITION AND CONSTRUCTION.
- 8. PROVIDE (1) TEMPORARY HEAT DETECTOR CENTERED ON THE CEILING IN THE TEMPORARY ANTE ROOM SHOWN ON THE ARCHITECTURAL PHASING PLANS. DETECTOR SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE.
- 9. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS: - NORMAL POWER BRANCH CIRCUIT 'NH' IS 480/277V AND SHALL BE FED FROM PANEL SB-DL-BDN-1, UNLESS NOTED - LIFE SAFETY POWER BRANCH CIRCUIT 'LL' IS 208/120V AND SHALL BE FED FROM PANEL LS-UL-70-D, UNLESS NOTED
- 10. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.

OTHERWISE.

- 11. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKER IN THE PANEL. RATHER, THE NUMBER INDICATES WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPARES, SPACES AND CIRCUITS RELIEVED FROM DUTY TO PROVIDE THE INDICATED NUMBER OF CIRCUITS.
- 12. EXISTING TO REMAIN, "ETR", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISTING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
- 13. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE
- 14. PUSH BUTTON ACTUATOR PROVIDED BY OTHERS. FOR
- 15. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.
- 16. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.

KEYED NOTES -

REFERENCE ONLY.

- 1. EC SHALL CAPTURE AND EXTEND CIRCUITING AND CONTROLS FROM THE EXTERIOR LIGHT BEING DEMOLISHED IN THIS
- 2. EC SHALL CAPTURE AND EXTEND THE 120v LIFE SAFETY CIRCUIT SERVING THE EXISTING LIGHTING AND EXIT SIGNS.

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

LIGHT FIXTURE, FLUORESCENT EMERGENCY; LETTER INDICATES TYPE.

LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT, 2'x2' LETTER INDICATES TYPE.

OH LIGHT FIXTURE, WALL MOUNTED

**₩** EXIT LIGHT - CEILING MOUNTED

RECEPTACLE, SPECIAL PURPOSE OR EQUIPMENT CONNECTION -SEE EQUIPMENT SCHEDULE

**└**☐ DISCONNECT SWITCH

MOTOR, SINGLE-PHASE

SECURITY, ACCESS CONTROL AND DOOR MONITORING

(CR) CARD READER  $\square_{ ext{P}}$  ALARM, FIRE, MANUAL PULL STATION

**Drawing Number** 

DENOTES THE FOLLOWING:

• PUSH BUTTON SWITCH

KEYED NOTE SYMBOL

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

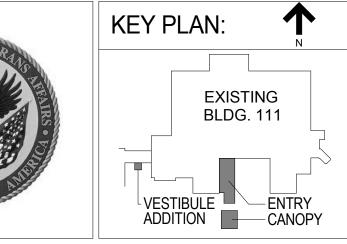
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title **BUILDING 70 - PARTIAL FIRST** FLOOR PLAN - ELECTRICAL Approved: Project Director

Project Title Building 111 -Renovate South Entry

Milwaukee, Wisconsin

Location

June 23, 2014

Project Number 695-12-101SCP **Building Number** 

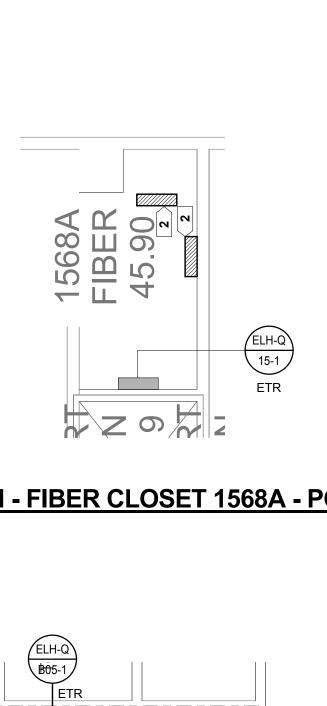
Checked By: Drawn By

R&D

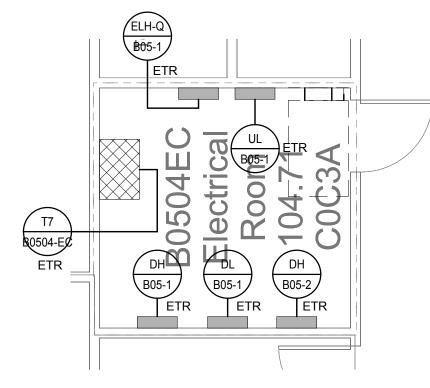
R&D

Office of **Facilities** Management

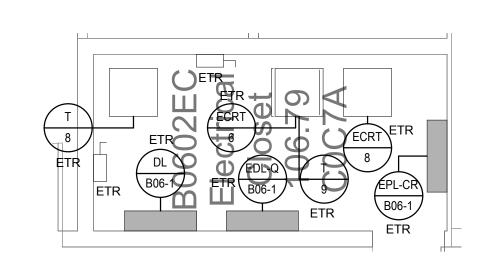
FINAL CONSTRUCTION DOCUMENTS



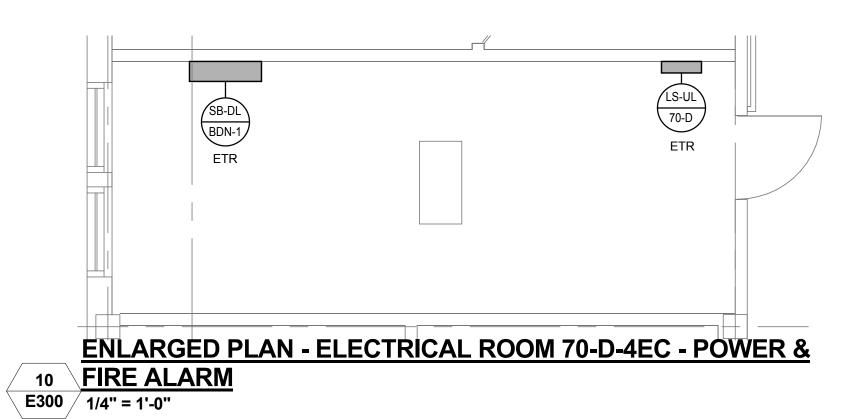




**ENLARGED PLAN - ELECTRICAL ROOM B0504EC - POWER & FIRE** 6 ALARM E300 1/4" = 1'-0"



**ENLARGED PLAN - ELECTRICAL ROOM B0602 - POWER & FIRE** 



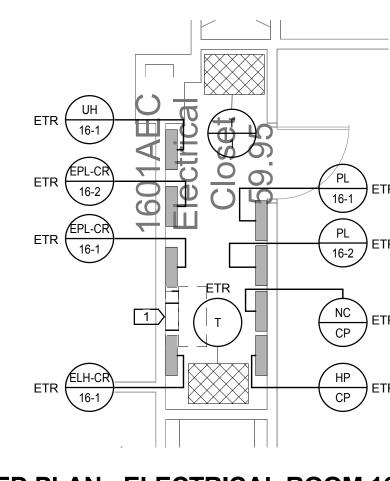
Date

one eighth inch = one foot

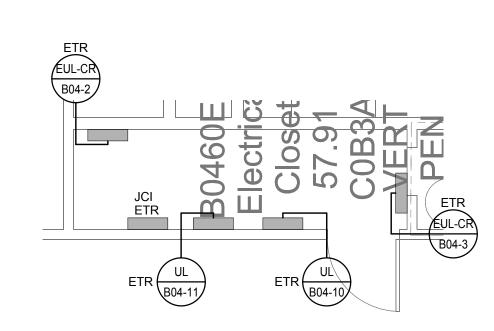
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Revisions:

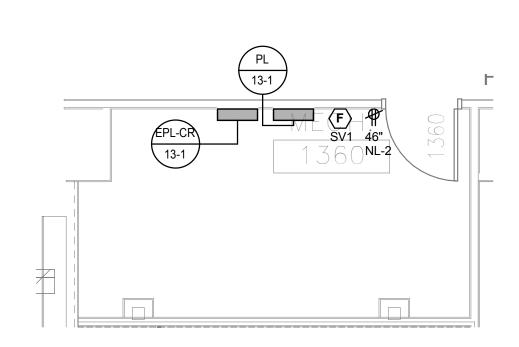
VA FORM 08-6231, OCT 1978



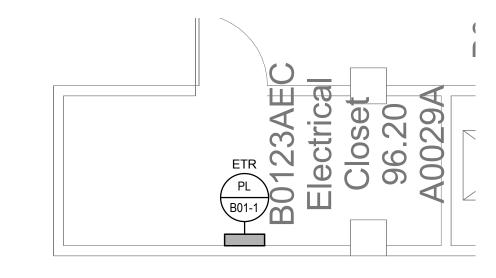
**ENLARGED PLAN - ELECTRICAL ROOM 1601AEC - POWER & FIRE** 2 ALARM E300 1/4" = 1'-0"



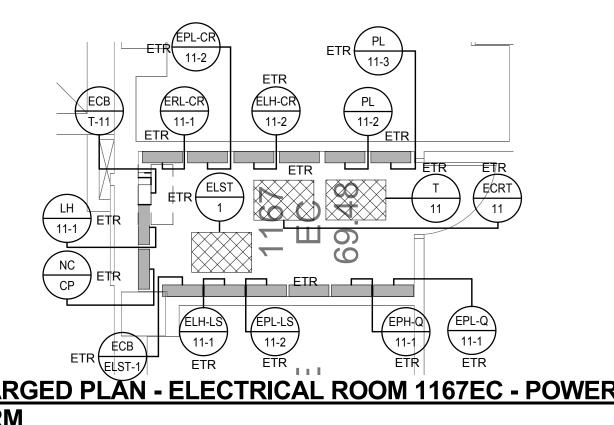
**ENLARGED PLAN - ELECTRICAL ROOM B0460EC - POWER & FIRE** 5 ALARM E300 1/4" = 1'-0"



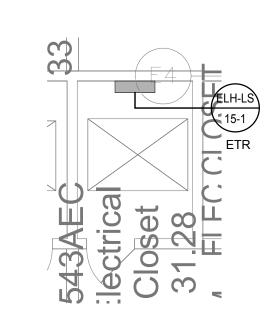
**ENLARGED PLAN - MECHANICAL ROOM 1360 - POWER & FIRE** 



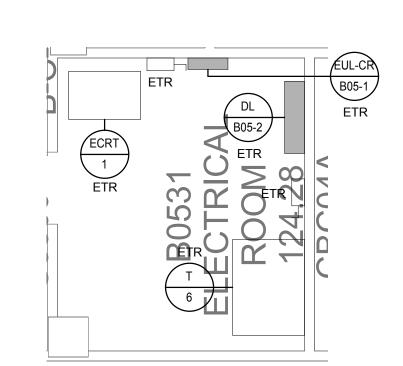
ENLARGED PLAN - ELECTRICAL ROOM B0123AEC - POWER & FIRE ALARM
E300 1/4" = 1'-0"



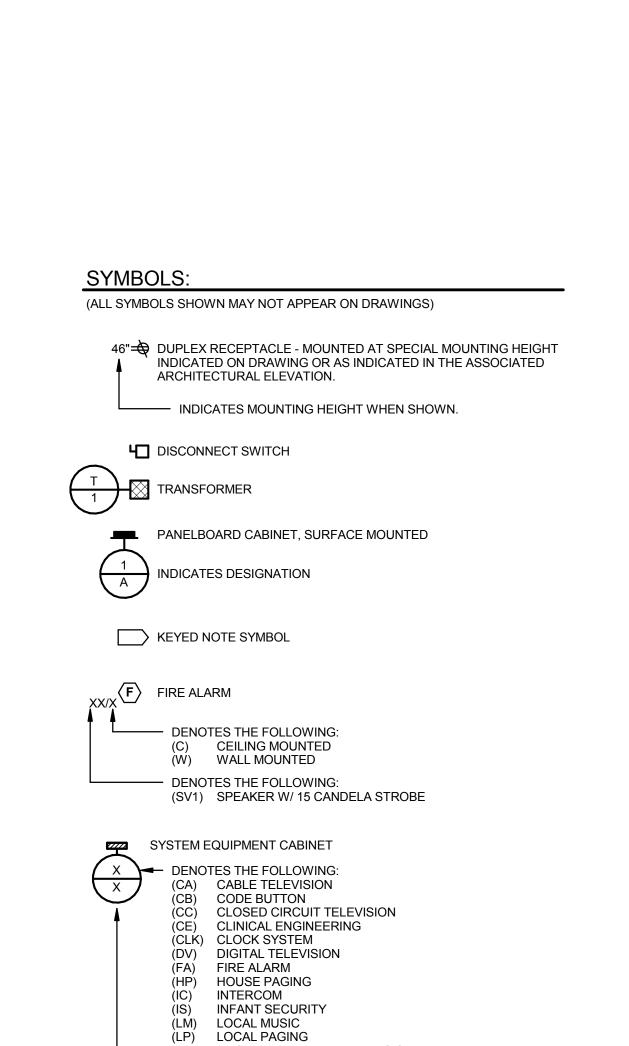
ENLARGED PLAN - ELECTRICAL ROOM 1167EC - POWER & FIRE



**ENLARGED PLAN - ELECTRICAL ROOM 1543AEC - POWER & FIRE** 



**ENLARGED PLAN - ELECTRICAL ROOM B0531 - POWER & FIRE** 



(MA) MASTER ANTENNAE TELEVISION

PROCEDURE ROOM - TWO WAY COMMUNICATION

PROCEDURE ROOM - MUSIC SYSTEM

(MS) MUSIC SYSTEM

(PA) PUBLIC ADDRESS (SA) SECURITY ACCESS (SC) SYSTEM CLOCK (TC) TELECOMMUNICATIONS

(RA) RESCUE ASSISTANCE

(TV) TELEVISION

(VD) VOICE DATA (WR) WIRED RADIO

 DENOTES THE FOLLOWING (AN) ANNUCIATOR

(CP) CONTROL PANEL (ER) EQUIPMENT RACK (TC) TERMINAL CABINET

(WF) WALL FIELD

**SHEET NOTES -**

REFERENCE SHEET E000.

KEYED NOTES -

1. MRI TRAILER TEMP.

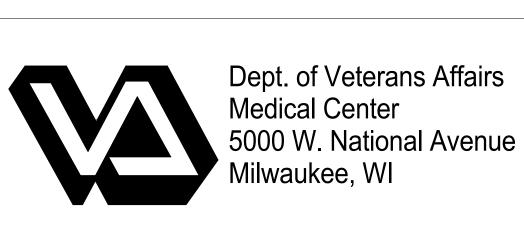
1. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE

SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.

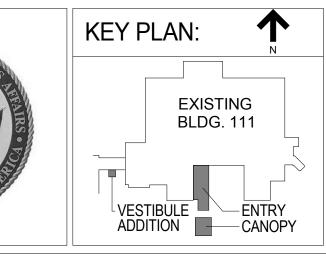
3. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR

4. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE

2. EXISTING FIRE ALARM NAC PANELS SERVING THE FIRST FLOOR AREA OF WORK.











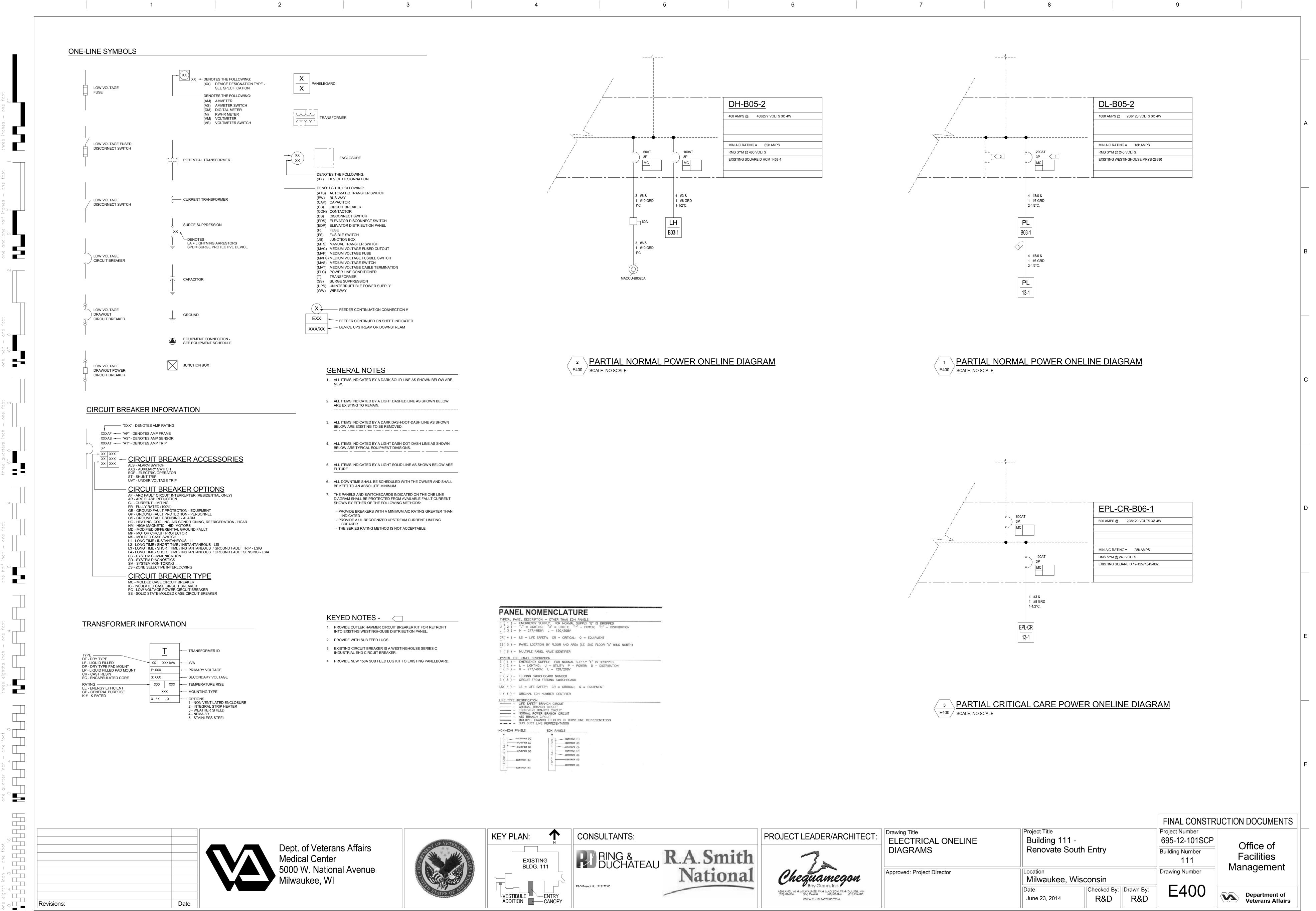
HITECT:	Drawing Title ENLARGI
on	Approved: Proje
DULUTH, MN (218) 728-4293	

			FINAL CONSTR	UCTION DOCUMENTS
ng Title LARGED PLANS		Building 111 - Renovate South Entry		Office of Facilities
ved: Project Director	Location  Milwaukee, V  Date	Milwaukee, Wisconsin		Management

WWW.CHEQBAYGRP.COM

June 23, 2014

Management wing Number



VA FORM 08-6231, OCT 1978

KEYED NOTES -1. PROVIDE CUTLER HAMMER CIRCUIT BREAKER KIT FOR RETROFIT INTO EXISTING WESTINGHOUSE DISTRIBUTION PANEL. 2. VERIFY THAT THE CIRCUIT BREAKER FITS INTO THE PANEL PRIOR TO SHOP DRAWING REVIEW. PANEL NOMENCLATURE TYPICAL PANEL DESCRIPTION — OTHER THAN EDH PANELS

E ( 1 ) — EMERGENCY SUPPLY; FOR NORMAL SUPPLY "E" IS DROPPED

U ( 2 ) — "L" = LIGHTING; "U" = UTILITY; "P" — POWER; "D" — DISTRIBUTION
L ( 3 ) — H — 277/480V; L — 120/208V CR( 4 ) - LS = LIFE SAFETY; CR = CRITICAL; Q = EQUIPMENT 22(5) - PANEL LOCATION BY FLOOR AND AREA (I.E. 2ND FLOOR "A" WING NORTH) 1 ( 6 ) - MULTIPLE PANEL NAME IDENTIFIER TYPICAL EDH PANEL DESCRIPTION

E ( 1 ) - EMERGENCY SUPPLY; FOR NORMAL SUPPLY "E" IS DROPPED

D ( 2 ) - L - LIGHTING; U - UTILITY; P - POWER; D - DISTRIBUTION

H ( 3 ) - H - 277/480V; L - 120/208V 1 ( 7 ) - FEEDING SWITCHBOARD NUMBER 2 ( 8 ) - CIRCUIT FROM FEEDING SWITCHBOARD

LINE TYPE IDENTIFICATION

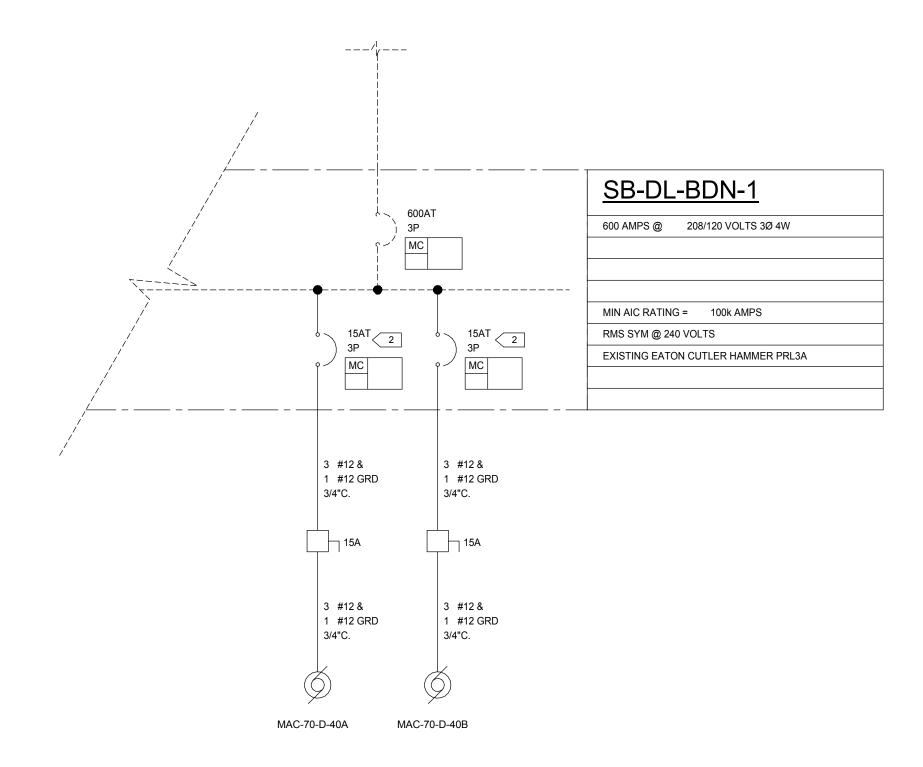
- LIFE SAFETY BRANCH CIRCUIT
- CRITICAL BRANCH CIRCUIT
- EQUIPMENT BRANCH CIRCUIT
- NORMAL POWER BRANCH CIRCUIT
- ATS BRANCH CIRCUIT
- MULTIPLE BRANCH FEEDERS IN THICK LINE REPRESENTATION
- BUS DUCT LINE REPRESENTATION NON-EDH PANELS EDH PANELS DENTIFIER (1)
L DENTIFIER (2) D DENTIFIER (1)
D DENTIFIER (2)
H DENTIFIER (3) H |---- | IDENTIFIER (3) 1 ----- IDENTIFIER (7) C DENTIFIER (4) 2 IDENTIFIER (8) S ---- IDENTIFIER (5) DENTIFIER (5) 1 IDENTIFIER (6) 1 IDENTIFIER (6)

LS(4) - LS = LIFE SAFETY; CR = CRITICAL; Q = EQUIPMENT

1 ( 6 ) - ORIGINAL EDH NUMBER IDENTIFIER

EDL-Q-B06-1 1200 AMPS @ 208/120 VOLTS 3Ø 4W MIN AIC RATING = 18k AMPS RMS SYM @ 240 VOLTS EXISTING WESTINGHOUSE MKYB-28980 \_\_ - \_\_\_ - \_\_\_ - \_\_\_ - \_\_\_ - \_\_\_ - \_\_\_ - \_\_\_ 2 #12 & 1 #12 GRD 3/4"C. 2 #12 & 1 #12 GRD

PARTIAL EQUIPMENT POWER ONELINE DIAGRAM E401 SCALE: NO SCALE



PARTIAL EQUIPMENT POWER ONELINE DIAGRAM
SCALE: NO SCALE

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

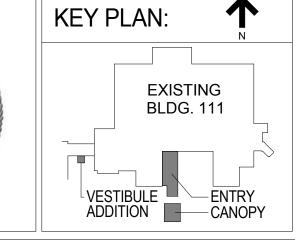
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









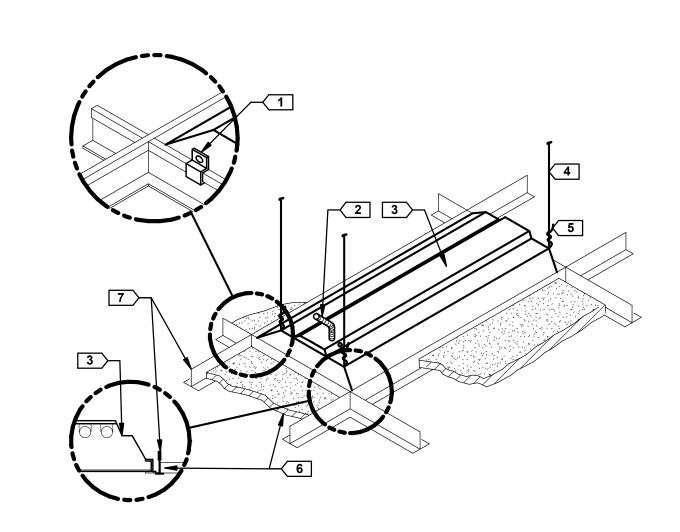
	Drawing Title ELECTRICAL ONELINE DIAGRAMS	Project Title Building 11 Renovate \$
	Approved: Project Director	Location Milwaukee
		Date June 23, 2014

			FINAL CONSTR	RUCTION DOCUMENTS
Drawing Title ELECTRICAL ONELINE DIAGRAMS		Building 111 - Renovate South Entry  Location Milwaukee, Wisconsin  Date  Checked By: Drawn By:		Office of Facilities Management
Approved: Project Director	Milwaukee, W			Department of

R&D

R&D

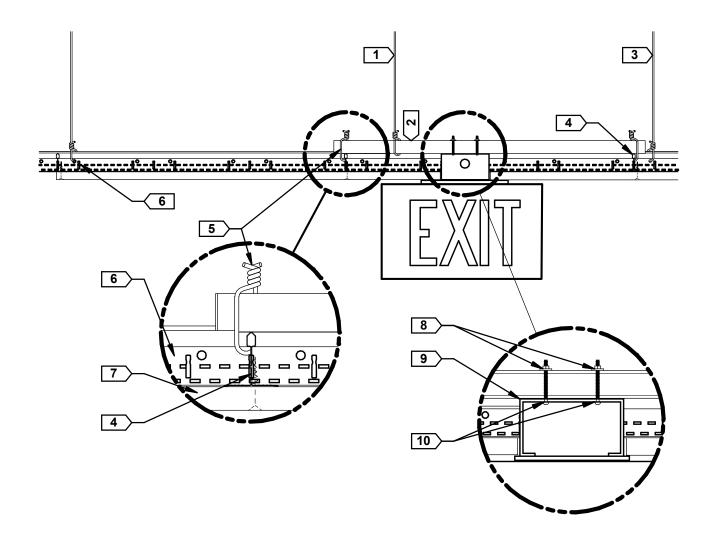
Management Department of Veterans Affairs



#### KEYED NOTES -

- 1. LUMINAIRE MANUFACTURER'S EARTHQUAKE CLIP, (4) PER FIXTURE AT CORNERS. ATTACH WITH SHEET METAL
- 2. FIXTURE WHIP FROM JUNCTION BOX (6FT. LONG MAX.)
- 3. LUMINAIRE. REFER TO SCHEDULE
- 4. LUMINAIRE SUSPENSION WIRES (#10 MIN) ATTACHED TO STRUCTURE (TYP EA. CORNER)
- 5. 3 TWIST MINIMUM (TYP)
- 6. ACOUSTICAL CEILING TILE (TYP)
- 7. ARCHITECTURAL CEILING GRID

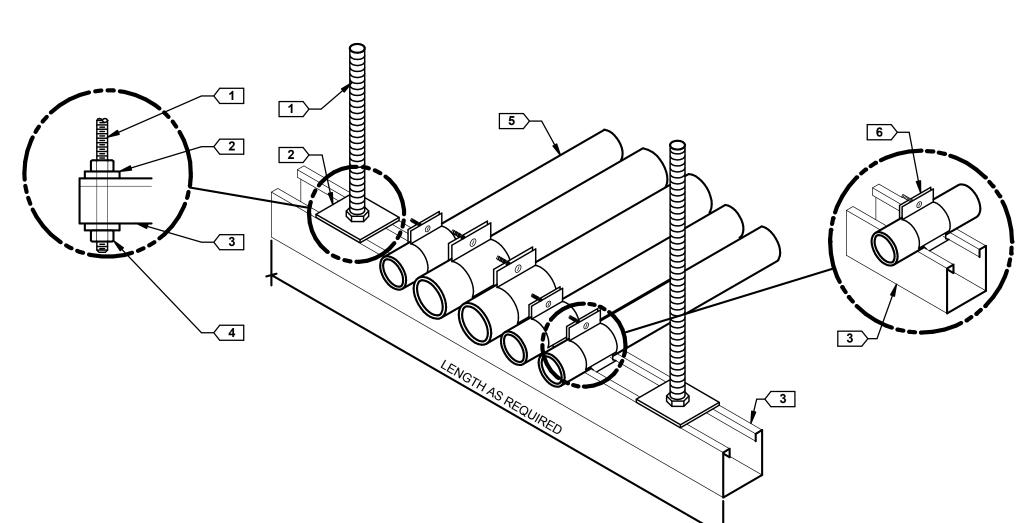
# **LUMINAIRE MOUNTING - LAY-IN CEILING**



#### KEYED NOTES -

- 1. #12 GA. HANGER WIRE THROUGH INTEGRAL GALVANIZED LIPPED STEEL MOUNTING CHANNEL AND ATTACHED TO
- 2. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING CHANNEL
- 3. CEILING HANGER WIRE
- 4. DRYWALL CEILING CROSS TEE, TYP.
- 5. WIRE TIE THROUGH MOUNTING CHANNEL & CROSS BEAM,
- 6. CEILING MAIN BEAM.
- GYPSUM BOARD
- 8. LOCKING SQUARE WASHER & NUT
- JUNCTION BOX
- 10. 1/4" SCREW

#### **EXIT SIGN MOUNTING - GYPBOARD CEILING** E500 NOT TO SCALE



# KEYED NOTES -

- 1. FLOOR OR ROOF STRUCTURE. FIELD VERIFY ACTUAL CONDITIONS, TYP.
- 2. 15" FLEXIBLE GALVANIZED STEEL CONDUIT WITH CONDUCTORS & GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- 3. SEISMIC OR EXPANSION JOINT. FIELD VERIFY ACTUAL CONDITIONS & LOCATIONS.
- 4. STRUCTURAL MEMBER (BEAM, JOIST, ETC.), TYP.
- STEEL EXPANSION ANCHOR
- 6. CONDUIT TRAPEZE PER SD260533-02, TYP.
- 7. CONDUIT, TYP.
- SPRING NUT
- 9. BEAM CLAMP, TYP.
- 10. JUNCTION BOX, TYP (SIZE AS REQUIRED) 11. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING
- 12. JUNCTION BOX (SIZE AS REQUIRED)

13. CONDUIT COMPRESSION FITTING

Date

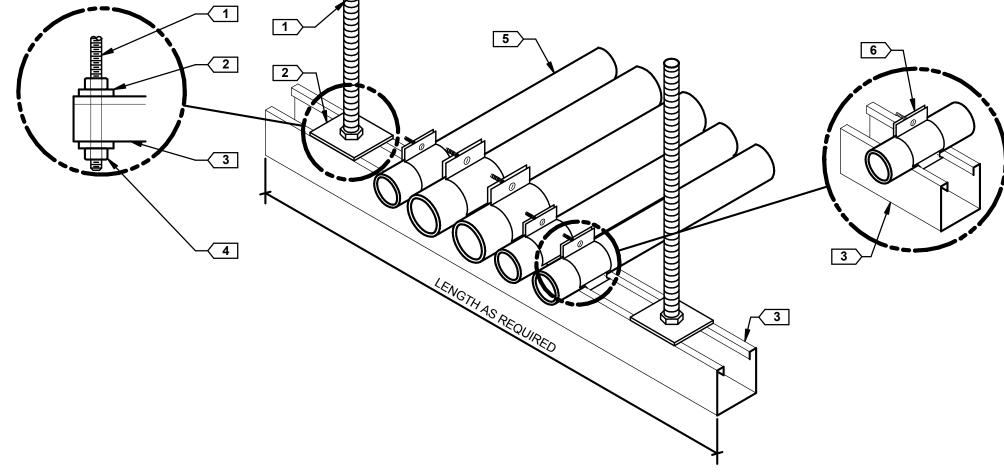
# 8 CONDUIT JOINT CROSSING DETAIL E500 NOT TO SCALE

one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978



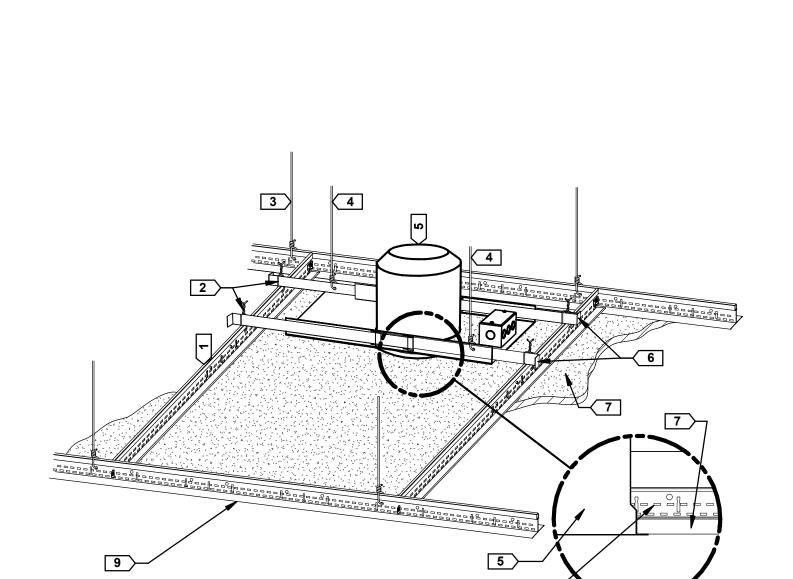
# **DETAIL NOTES -**

- METAL CHANNEL STRUT SUPPORT LONGER THAN THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
- 2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 0533, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT
- 3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 10 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

# KEYED NOTES -

- 1. 3/8" MIN GALVANIZED THREADED ROD, TYP.
- 2. LOCKING SQUARE WASHER & LOCKNUT 3. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING
- 4. WASHER AND LOCKNUT
- 5. REFER TO PLANS FOR QUANTITY & SIZE OF CONDUITS
- 6. CONDUIT CLAMP. SIZE AS REQUIRED

# **CONDUIT TRAPEZE MOUNTING DETAIL**



KEYED NOTES -

STRUCTURE

8. JUNCTION BOX

9. 1/4" SCREW

E500 NOT TO SCALE

3. CEILING HANGER WIRE

4. ARCHITECTURAL CEILING GRID

6. ACOUSTICAL CEILING TILE (TYP)

7. LOCKING SQUARE WASHER & NUT

**EXIT SIGN MOUNTING - LAY-IN CEILING** 

1. #12 GA. HANGER WIRE THROUGH INTEGRAL GALVANIZED

2. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING HANNEL

5. WIRE TIE THROUGH MOUNTING CHANNEL & CROSS BEAM,

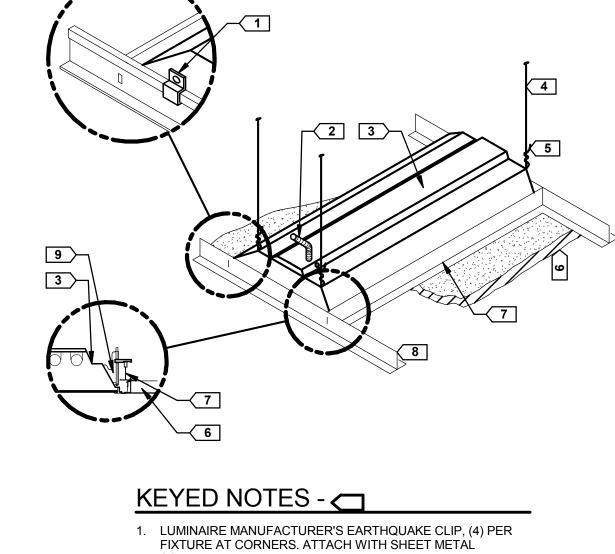
LIPPED STEEL MOUNTING CHANNEL AND ATTACHED TO

4

#### KEYED NOTES -

- CEILING CROSS BEAM
- 2. WIRE TIE OR SCREW BAR HANGER TO CROSS BEAM,
- 3. CEILING HANGER WIRE, TYPICAL
- 4. 12GA. HANGER WIRE AT DIAGONAL CORNER ATTACHED TO STRUCTURE
- 5. RECESSED DOWNLIGHT LUMINAIRE
- 6. LUMINAIRE BAR HANGERS
- 7. GYPSUM BOARD, TYPICAL
- 8. CEILING BEAM
- 9. CEILING MAIN BEAM

# 6 DOWNLIGHT MOUNTING - GYPBOARD CEILING E500 NOT TO SCALE



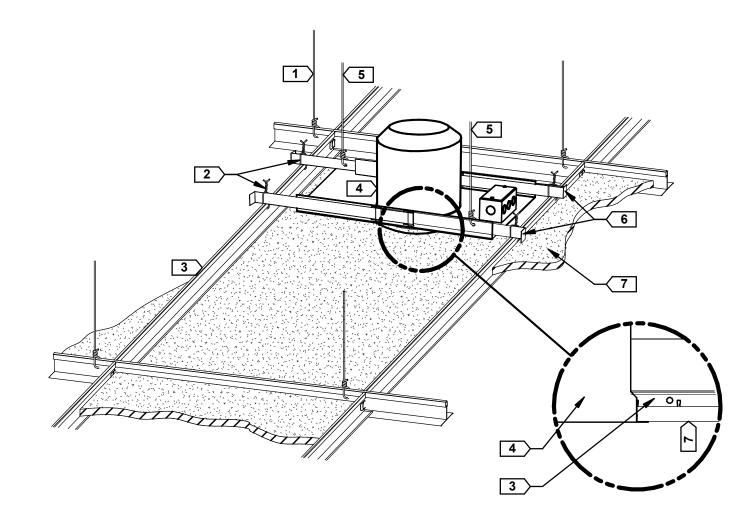
- 2. FIXTURE WHIP FROM JUNCTION BOX (6FT. LONG MAX.)
- 3. LUMINAIRE. REFER TO SCHEDULE
- 4. LUMINAIRE SUSPENSION WIRES (#10 MIN) ATTACHED TO
- 5. 3 TWIST MINIMUM (TYP)

STRUCTURE (TYP EA. CORNER)

- 6. GYPSUM BOARD (TYP)
- 7. CEILING CROSS BEAM
- 8. CEILING MAIN BEAM

9. DRYWALL BORDER

**LUMINAIRE MOUNTING - GYPBOARD CEILING** 



# KEYED NOTES -

- 1. CEILING HANGER WIRE, TYP.
- 2. WIRE TIE OR SCREW BAR HANGER TO ARCHITECTURAL CEILING GRID TYP.
- 3. ARCHITECTURAL CEILING GRID
- 4. RECESSED CAN LUMINAIRE
- 5. 12GA. HANGER WIRE AT DIAGONAL CORNER ATTACHED TO STRUCTURE

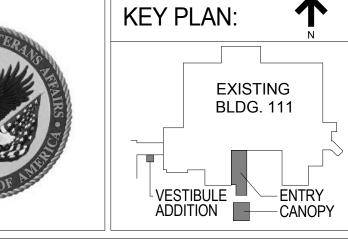
Project Number

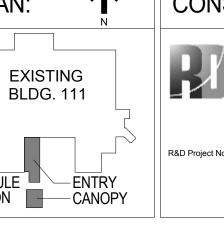
- 6. LUMINAIRE BAR HANGERS
- ACOUSTICAL CEILING TILE (TYP)

# **DOWNLIGHT MOUNTING - LAY-IN CEILING**













Chequamegon
Bay Group, Inc. WWW.CHEQBAYGRP.COM

Drawing Title Approved: Project Director

**ELECTRICAL DETAILS** 

Project Title Building 111 -Location

June 23, 2014

695-12-101SCP Renovate South Entry Building Number **Drawing Number** Milwaukee, Wisconsin E500 Checked By: Drawn By

R&D

R&D

Office of **Facilities** Management

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**DETAIL NOTES -**

MAINTAIN A MINIMUM CLEARANCE OF 12" [308mm] ON ALL SIDES OF ROOF PENETRATION FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.

- 2. FLANGES OF ADJACENT FLASHINGS SHALL NOT BE CUT OR
- 3. VERIFY ROOF AND STRUCTURAL SYSTEM WITH ARCHITECT. 4. COORDINATE FLASHING INSTALLATION WITH ROOFING

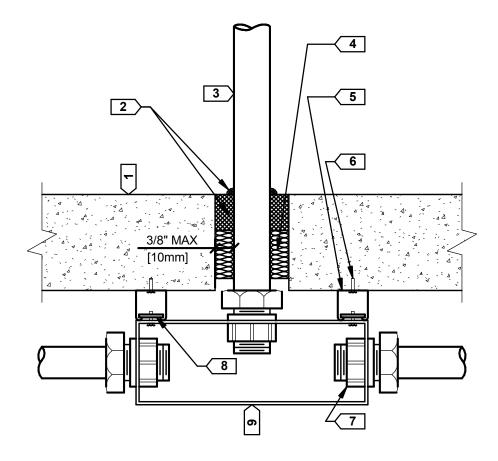
CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.

KEYED NOTES -

- 1. STAINLESS CLAMP, TYP.
- 2. PREFABRICATED RUBBER BOOT CAP WITH GRADUATED STEPS & WEATHER-PROOF PRESSURE SEAL TO COLLAR
- 3. SEALANT AT PENETRATION TO MEMBRANE JUNCTURE BY
- ROOFING CONTRACTOR 4. ROOF MEMBRANE
- 5. ROOF
- 6. WATER CUT-OFF MASTIC COMPATIBLE WITH ROOF MEMBRANE
- 7. CONDUIT CLAMP. SIZE AS REQUIRED
- 8. SEAL-OFF FITTING, TYP.
- 9. CONDUIT, TYP.
- 10. BATT INSULATION
- 11. PREFABRICATED FORMED 0.06" THICK ALUMINUM FLASHING ROUND COLLAR WITH MIN. 3" WIDE FLANGE. ATTACH TO ROOF PER MANUFACTURER'S INSTRUCTIONS
- 12. MULTIPLE MEMBRANE STRIPPING PLIES FEATHERED AT FIELD OF ROOF BY ROOFING CONTRACTOR. PRIME FLANGE BEFORE STRIPPING.
- 13. STEEL EXPANSION ANCHOR
- 14. 3/8" MIN GALVANIZED THREADED ROD, TYP.
- 15. LOCKING SQUARE WASHER & LOCKNUT 16. CONDUIT CLAMP. SIZE AS REQUIRED
- 17. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING CHANNEL

ROOF PENETRATION DETAIL

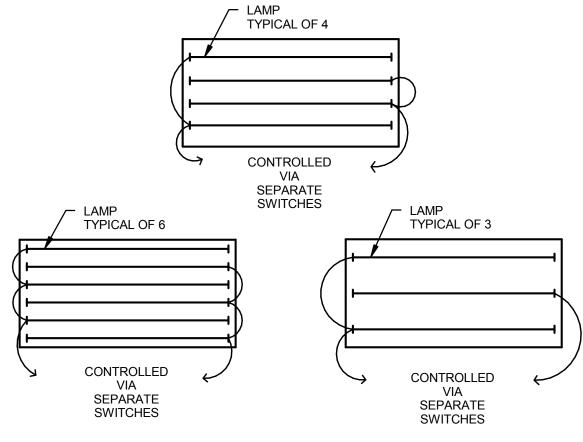
E501 NOT TO SCALE



#### KEYED NOTES -1. FLOOR SLAB, TYPICAL

- 2. FIRESTOP SEALANT PER SECTION 07 84 00, FIRESTOPPING
- 3. CONDUIT, TYPICAL
- 4. MINERAL WOOL (FIRMLY PACKED)
- 5. INTEGRAL GALVANIZED LIPPED STEAL MOUNTING CHANNEL, TYPICAL
- 6. STEEL EXPANSION ANCHOR, TYPICAL
- 7. CONDUIT COMPRESSION FITTING, TYPICAL
- 8. SPRING NUT, TYPICAL
- 9. JUNCTION BOX (SIZE AS REQUIRED)

2 FLOOR SLAB PENETRATION DETAIL
E501 NOT TO SCALE

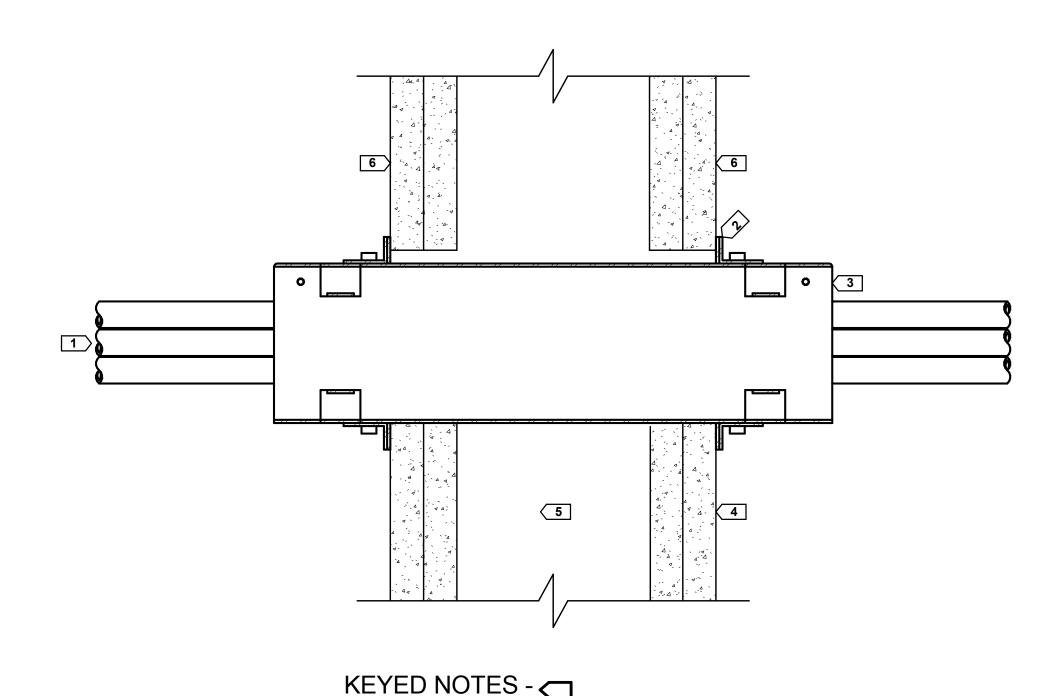


**DETAIL NOTES -**

1. WHERE THREE-WAY SWITCHING IS INDICATED ON THE DRAWING, THE INBOARD LAMPS WILL BE THREE-WAY SWITCHED.

- 2. THE SWITCH CLOSER TO THE DOOR SHALL CONTROL THE OUTBOARD LAMPS.
- 3. DUAL-LEVEL SWITCHING MAY SERVE FIXTURES WHICH HAVE BALLASTS SERVED FROM BOTH NORMAL AND EMERGENCY SOURCES. ALL SWITCHES CONTROLLING LIGHTING SERVED FROM EMERGENCY SHALL BE "RED". NORMAL AND EMERGENCY WIRING SHALL BE SEPARATED.

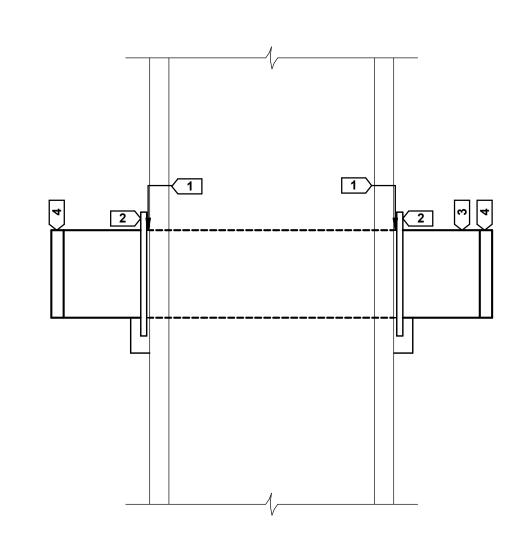
1 DUAL LEVEL SWITCHING DETAIL
E501 NOT TO SCALE



1. LOW VOLTAGE AND SIGNAL CABLES

- 2. EZ PATH WALL FLANGE
- 3. EZ PATH
- 4. 1 HOUR RATED WALL 5. GYPSUM WALL CAVITY

6. FIRE LABEL 6 TYPICAL EZ PATH RATED WALL SLEEVE PENETRATION DETAIL
E501 NOT TO SCALE



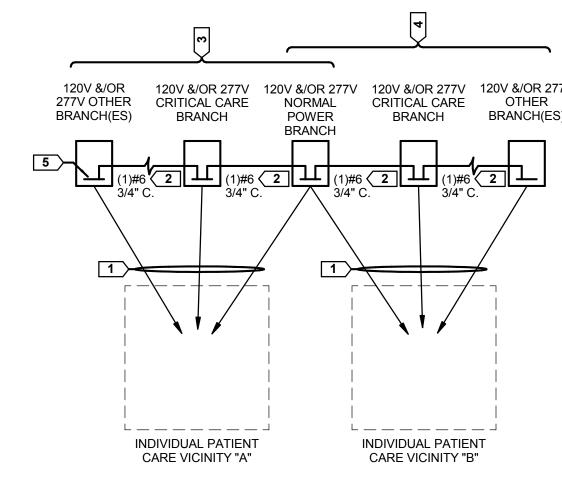
### **DETAIL NOTES -**

- 1. MECHANICALLY SUPPORT BOTH SIDES.
- 2. FIRE CALK BOTH SIDES OUTSIDE DIAMETER OF CONDUIT
- 3. FIRE PUTTY OR PILLOWS INSIDE DIAMETER OF CONDUIT. 4. FIRE PIPE PLUGS REQUIRED.
- 5. COORDINATE FIRE MATERIALS WITH CONSTRUCTION

KEYED NOTES -

- FIRE CAULK
- CLAMPS 3. EMT CONDUIT
- 4. INSOLATED PUSH-ON BUSHING.

5 TYPICAL NON-RATED WALL SLEEVE PENETRATION DETAIL



#### **DETAIL NOTES -**

- 1. IF THIS IS A REMODEL OF AN EXISTING SPACE, THE EC SHALL VERIFY THAT THE EXISTING PANELBOARDS SERVING ALL INDIVIDUAL PATIENT VICINITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT ARE BONDED WITH A MINIMUM OF A #6 INSULATED COPPER CONDUCTOR. IF THEY ARE NOT, THE EC SHALL PROVIDE PANELBOARD BONDING AS DESCRIBED HEREIN.
- 2. SEE NEC 517-3 FOR THE DEFINITION OF A PATIENT
- ALL PANELBOARDS SERVING LIGHTING FIXTURES THAT FALL WITHIN THE FOOTPRINT OF THE PATIENT VICINITY SHALL BE INCLUDED IN THE PANELBOARD BONDING

# KEYED NOTES -

- 1. CIRCUITS SERVING A COMMON INDIVIDUAL PATIENT
- 2. PROVIDE BONDING CONDUCTOR BETWEEN THE GROUND BUSSES OF ALL PANELS SERVING A COMMON INDIVIDUAL PATIENT VICINITY AS REQUIRED BY NEC 517-14 AND AS DEFINED HEREIN. EACH CONDUCTOR SHALL BE BONDED TO THE RACEWAY AT BOTH ENDS.
- 3. EXAMPLE OF PANELS BONDED TOGETHER FOR INDIVIDUAL PATIENT VICINITY "A".
- 4. EXAMPLE OF PANELS BONDED TOGETHER FOR
- INDIVIDUAL PATIENT VICINITY "B". 5. PANELBOARD GROUND BUS. TYPICAL.

4 PANELBOARD BONDING DETAIL



Date

one eighth inch = one foot

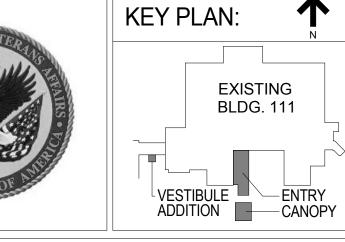
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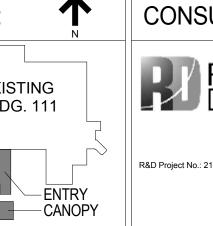
Revisions:

VA FORM 08-6231, OCT 1978

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI











HITECT:	Drawing Title ELECTR
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ULUTH, MN 1° 8) 728-4293	

Drawing Title	Project Title
ELECTRICAL DETAILS	Building 111 -
	Building 111 - Renovate South
Approved: Project Director	Location
	Milwaukee, Wise
	Date

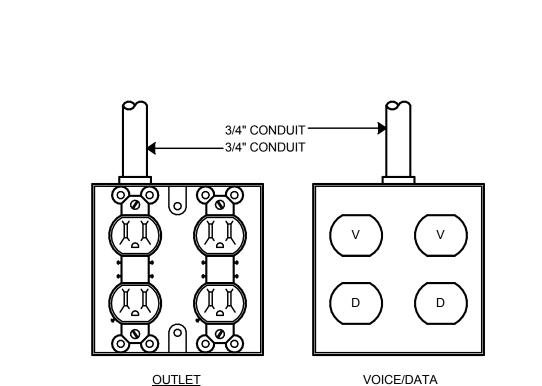
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Renovate South	Entry		Building Number 111
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Office of **Facilities** Management

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Department of Veterans Affairs

R&D R&D June 23, 2014 WWW.CHEQBAYGRP.COM

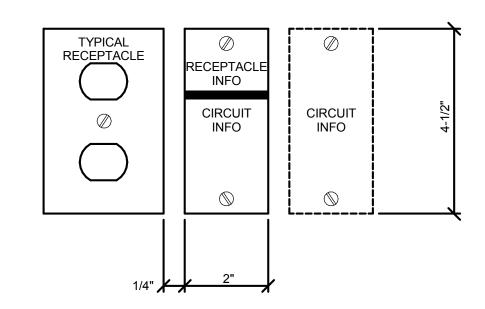


3 OUTLET DETAIL
E502 NOT TO SCALE

REQUIRED LABELS FOR ALL RECEPTACLES:

FIRST PART OF LABEL INDICATES RECEPTACLE INFORMATION SUCH AS RECEPTACLE ID NO, TYPE, VOLTS, AMPS, PHASE, PANEL BOARD, CIRCUIT NO, PANEL BOARD ROOM NO.

SECOND PART OF CIRCUIT INDICATES CIRCUIT INFORMATION SUCH AS IDENTITIY OF RECEPTACLES ON THE SAME CIRCUIT, PANEL BOARD, AND CIRCUIT I.D. PROVIDE SECOND LABEL AS REQUIRED.



ALL LABELS TO BE 1/16" PHENOLIC PLASTIC, RECEPTACLES ON EMERGENCY POWER TO USE RED PLASTIC WITH WHITE LETTERING. RECEPTACLES ON NORMAL POWER TO USE BLACK PLASTIC WITH WHITE LETTERING TO BE 3/16" HIGH. LOCATION OF LABELS AS SHOWN OR AS DIRECTED BY COR. SCREW LABELS TO WALL WITH #6 X3/4" LENGTH SCREW, SET IN PLASTIC DRYWALL TYPE ANCHORS.

2 RECEPTACLE LABEL DETAIL
E502 NOT TO SCALE

**DETAIL NOTES -**

BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR GENERAL NOTES.

KEYED NOTES -

1. LIGHT POLE PER LIGHT FIXTURE SCHEDULE

2. ANCHOR BOLTS PER POLE MANUFACTURER'S REQUIREMENTS WITH LEVELING NUTS ABOVE & BELOW

3. 3"x5" [76x127mm] REINFORCED HAND HOLE WITH TAMPER RESISTANT SCREWS. PROVIDE IN-LINE SCREW-TYPE FUSE HOLDER(S) WITH FUSE(S).

4. POLE GROUNDING STUD

5. 2-PIECE BOLT COVER PLATE.

FINISHED GRADE

7. PVC CONDUIT ADAPTER COUPLING

BASE PLATE

8. PVC CONDUIT

9. RIGID STEEL CONDUIT

10. UNDISTURBED SOIL OR SELECT BACKFILL COMPACTED, SEE NOTE BELOW.

11. 2'-0" DIA CONCRETE BASE REINFORCED WITH (6) #6 VERTICALS AND #3 HOOPS AT 12" OC.

12. 1" EMPTY CONDUIT WITH CAP (WHERE SHOWN ON PLANS)

13. CONCRETE BASE & REINFORCING STEEL, SEE NOTE

14. #4 BARE COPPER GROUND 20FT COILED BELOW BASE

1 POLE BASE DETAIL - VA
E502 NOT TO SCALE

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

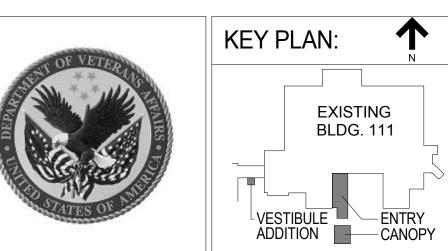
Date

one eighth inch = one foot

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Revisions:

VA FORM 08-6231, OCT 1978







Drawing Title	Project Title	
ELECTRICAL DETAILS	Building 111 -	
	Renovate South	Entr
Approved: Project Director	Location	
	Milwaukee, Wisc	consi
	Date	Check

Project Number 695-12-101SCP Office of Building Number **Facilities** Management Drawing Number cked By: Drawn By:

FINAL CONSTRUCTION DOCUMENTS

Department of Veterans Affairs

June 23, 2014

E502 R&D

OCC	<b>UPAN</b>	CY SI	<b>ENSO</b>	R SCI	HEDU	LE								
										MANUI	ACTURER S	SERIES		
TYPE	CEILING	WALL	200	1000	2000	180°	360°	DUAL	LEVITON	WATT-	HUBBELL	SENSOR	LUTRON	NOTES
								TECH		STOPPER		SWITCH		
Α	Х				Х	Х		Х	OSC05	DT-200	OMNI-DT	WV-PDT	LOS-CDT	2
В	Х			Х			Х	Х	OSC10	DT-300	OMNI-DT	WV-PDT	LOS-CDT	2
8	Х	X	Х		Х			Х	ODWHB	CX-100-1	LOIRHB	HM-50R	WDT	
			.,					.,	000145	D14/ 000		WOD DDT	1.00.010	

#### OCCUPANCY SENSOR SCHEDULE NOTES:

1. SENSOR TO HAVE MICROPHONICS DETECTION.

2. ALL SENSORS SHALL FAIL IN A CLOSED POSITION. PROVIDE RELAY PACK OR AUXILARY DEVICES AS REQUIRED.

LIG	HT FIXTURE SCHED	ULE																
	FIXTURE			LAMPS				BALL		INPUT	VOLT	MOUNT	CEILING	FIXTURE	FIXTURE SPECIFICATION AND A		OPTIONS	SEE
ID	DESCRIPTION 2x4 RECESSED INDIRECT	TYPE	NO.	DESCRIPTION	WATTS	K	CRI	TYPE	NO.	WATTS	277V	WICOIVI	TYPE	DEPTH	MANUFACTURER LITHONIA	CATALOG SERIES 2AV-MDR	12	NOTE
AC	CENTER BASKET 3-LAMP	F	3	F32T8	32	4100	82	ET	2	84	MVOLT	R	LG	<5	METALUX	ZAV-WDN	- l 12 - l	
СН	2x2 RECESSED INDIRECT CENTER BASKET 3-LAMP	F	3	F40BX	40	4100	82	ET	2	122	277V MVOLT	R	LG	<5	LITHONIA METALUX	2AV-MDR	12	
CJ	2x2 RECESSED INDIRECT CENTER BASKET 2-LAMP	F	2	F40BX	40	4100	82	ET	1	78	277V MVOLT	R	LG	<5	DAYBRITE LITHONIA METALUX	2AV-MDR	12	
DA	6" FLUORESCENT DOWNLIGHT	F	1	F32TRT	32	4100	82	ET	1	36	277V MVOLT	R	V	<7	DAYBRITE GOTHAM PORTFOLIO	AF6	16	
DB	6" FLUORESCENT DOWNLIGHT	F	1	F42TRT	42	4100	82	ET	1	46	277V MVOLT	R	V	<7	PORTFOLIO	AF6	16	
DP	4" VERTICAL FLUORESCENT DOWNLIGHT	F	1	F18TRT	18	4100	82	ET	1	20	277V MVOLT	R	V	<10	REVELATION GOTHAM PATHWAY	AFV 4VF	16	
FA	LINEAR FLUORESCENT DIRECT/ INDIRECT W/ DIFFUSING LENS	F	AR	F28T5	28	4100	82	ET	AR	20W/FT	277V MVOLT	S	W		Ι ΡΡΙΜΡ ΔΡΡΡΜΙΡΗ ΕΜΙΙΔΙ	SML-1*-SML-2IN-ASY	12,28	4,5,7
FD	4FT DIRECT/INDIRECT WALL BRACKET STAIRWELL	F	1UP 2DN	F32T8	32	4100	82	ET	2	84	277V MVOLT	S	W		AXIS PINNACLE LITECONTROL	EX4B-A-O	17,35,49	6
FR	12" SLIM PROFILE LED STRIP WITH SHIELD	LED	-	IN UNIT	6/FT	4000	85	DR	1	6W/FT	120/24	S	DISPLAY CASE		DANALITE PRIOR APPROVED FOLIAL	L4-F-DLD	36	8
OE	EXTERIOR FLUORESCENT SECURITY FIXTURE WALL MOUNTED	F	2	F42TRT	42	4100	82	COLD TEMP	SEE NOTE	89	277V MVOLT	S	W	13	GARDCO PRIOR APPROVED EQUAL	101-MT	13,35	2,5
OG	8" LENSED DOWNLIGHT FLUORESCENT	F	2	F32TRT	32	4100	82	COLD TEMP	1	68	227V MVOLT	R	V	<7	DESIGN PLAN PRIOR APPROVED EQUAL	RHL-8	14,35,46	
ОН	8" LENSED DOWNLIGHT FLUORESCENT	F	1	F32TRT	32	4100	82	COLD TEMP	1	36	277V MVOLT	R	V	<7	DESIGN PLAN PRIOR APPROVED EQUAL	RHL-8	14,35,46	
SA	4' INDUSTRIAL STRIP WITH 5% UPLIGHT - CHAIN HUNG WITH WIRE GUARD	F	2	F32T8	32	4100	82	ET	1	56	277V MVOLT	Р	ES	4.5	LITHONIA METALUX DAYBRITE	EJA	23,24	3
XA	SINGLE FACE DIE-CAST EXIT SIGN	LED	-	IN UNIT	3	-	-	-	-	3	277V MVOLT	V	V	9.5		LES1	36,40	
ХВ	DOUBLE FACE DIE-CAST EXIT SIGN	LED	-	IN UNIT	3	-	-	-	-	3	277V MVOLT	V	V	9.5	LITHONIA CHLORIDE ISOLITE	LES2	36,40	
															SORIES REFERENCED BY THE COLUMN	TITLED "OPTIONS".		
	ACTURERS AS ACCEPTABLE SHALL ME /IATIONS:	ET ALL R	EQUIREM	ENTS AND FEATURE	S INDICA I	ED. ACCE	PIABLE	MANUFACI	URERS I	/IUST MEE	: I THE PF	HOTOMET	RIC PERFOR	MANCE OF THE	E LISTED UNIT.			
AR CAB CL DM DR	= AS REQUIRED = CABINET = CLEAR = LED DIMMING 0-10V = LED DRIVER = DRYWALL	ES ET F FD1	= ELECT = FLUOF = FLUOF	SED STRUCTURE		H HAL HPF I	= HID = HALOG = HIGH F	POWER FA DESCENT		10-100%	OT P PL PS	= LED D = OTHE = PEND = PLAST = PULSE = QUAR	R ANT ER E START	RM S ST V	R = RECESS I = REMOTE S = SURFACE T = STANDARD V = VARIES V = WALL MOUNTED	XFMR	= TRANSFORMER	
11 12 13 14	S:  = AIR HANDLING CAPABILITY - RETUPN FURNISH WITH STAGGERED LAMPS FURNISH WITH ANTI-MICROBIAL FINE SEMI-SPECULAR, LOW IRIDESCENT FURNISH WITH MINI JUNCTION BOYS FLAT ALUMINUM DOOR FRAME - MI REGRESSED ALUMINUM DOOR FRAME FLAT STEEL DOOR FRAME SINGLE GASKETED DOOR FRAME TRIPLE GASKETED DOOR FRAME TRIPLE GASKETED DOOR FRAME FOST PAINTED FINISH WET LOCATION CONSTRUCTION DAMP LOCATION CONSTRUCTION STAINLESS STEEL TRIM AND DOOR	S NISH PARABO ( TERED CO AME	ORNERS	ERS	22 23 24 25 26 27 28 29 30 31 32	= FURNIS DIMMING = WHITE	SH WITH A SH WITH V SH CHAIN SH WITH S STRAIGH	T BLADE L	EMERGEI RD G ACCESS DANT SYS NOPY CAL REFL LICAL REF ED DIFFU NT LL ALLAST C	NCY BATT SORIES TEMS ECTOR ELECTOR SER	ERY BALI		SPENSION S		41 = FUR 42 = FUR 43 = FUR AND E 44 = FUR 45 = FUR 46 = FUR 47 = FUR 48 = FUR 49 = FUR 50 = FUR 51 = FUR 52 = FUR	RNISH WITH UNIVERSAL ARROWS AN RNISH FOR FIRE RATED CONSTRUCT RNISH WITH GLARE SHIELD AND LEX RNISH WITH UNIVERSAL ARROWS AN BATTERY BACK-UP (NO GENERATOR RNISH WITH UNIVERSAL MOUNT RNISH WITH SOFTENING LENS RNISH WITH PRISMATIC LENS RNISH WITH HINGED DOOR RNISH WITH TOP AND BOTTOM LENS RNISH WITH LOUVER RNISH WITH SELF DIAGNOSTICS RNISH WITH SELF DIAGNOSTICS	TION AN PROTECTIVE COV ND RED STENCIL FACI R) CRATE LOUVER AND ES	ER E

### **GENERAL NOTES:**

1. VERIFY CEILING T-BAR WIDTH (I.E. 9/16", 15/16", 1.5") WITH THE ARCHITECT/INTERIORS SPECIFICATION PRIOR TO ORDERING LAY-IN FIXTURES.

# **LIGHT FIXTURE SCHEDULE NOTES:**

15 = STAINLESS STEEL TRIM AND DOOR FRAME

17 = FURNISH WITH DUST COVER

18 = FURNISH WITH ROCKER SWITCH

19 = FURNISH WITH LENS AND GASKET

16 = MATTE DIFFUSE LOW IRIDESCENT REFLECTOR

20 = FURNISH WITH AUXILIARY QUARTZ RESTRIKE

NOT USED.

2. PROVIDE WITH BALLAST SUITABLE FOR -22F STARTING TEMPERATURE. PROVIDE BALLAST FOR LAMPS IN PARALLEL OR PROVIDE BALLAST FOR EACH LAMP SO THAT ONE LAMP BURNS OUT THE OTHER STAYS LIT.

3. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES TO AVOID CONFLICTS WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING. DUCT WORK OR UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

34 = FURNISH TRIM SUITABLE FOR USE WITH NARROW TEE CLG SUSPENSION SYSTEM

37 = FURNISH WITH RF NOISE SUPPRESSORS (ADVANCE RIF-1) FOR EACH BALLAST

35 = CUSTOM FINISH - COLOR AS SELECTED BY ARCHITECT/OWNER

38 = FURNISH WITH ACRYLIC LENS WITH INTEGRAL RFI SHIELDING

39 = FURNISH WITH HOUSE SIDE SHIELD

36 = STANDARD FINISH - COLOR AS SELECTED BY ARCHITECT/OWNER

4. PROVIDE 1-LAMP IN CROSS SECTION. PROVIDE IN LENGTHS AS SHOWN.

5. IF SUBMITTING A FIXTURE FOR APPROVAL AS AN EQUAL, PROVIDE CUT SHEET AND IES PHOTOMETRIC FILE PRIOR TO BIDDING. A WORKING SAMPLE OF THE FIXTURE MAY BE REQUIRED FOR APPROVAL BY THE A/E.

6. PROVIDE 3-LAMP IN CROSS SECTION. BOTTOM TWO LAMPS SHALL BE WIRED TO LIFE SAFETY (UNSWITCHED) AND THE SINGLE TOP LAMP SHALL BE WIRED TO NORMAL (UNSWITCHED).

7. FURNISH WITH STAGGERED LAMPS IN LAMP LENGTHS LISTED.

8. PROVIDE FIXTURE MOUNTED VERTICALLY AT THE FRONT OF THE DISPLAY CASE TO PROVIDE COVERAGE FOR THE SHELVING. PROVIDE LENGTH NECESSARY FOR DISPLAY CASE. PROVIDE WITH LED POWER SUPPLY/DRIVER IN RATING TO ACCOMMODATE LOAD. POWER SUPPLY SHALL BE LOCATED IN THE NEAREST ACCESSIBLE LOCATION OUT OF VIEW, POSSIBLY IN THE BASE OF THE DISPLAY CASE. THE FIVE-SIDED EXTRUSION WITH SHIELD SHALL BE MOUNTED SO THE LEDS ARE NOT VISIBLE WHILE ILLUMINATING THE CONTENTS OF THE DISPLAY CASE. FIELD VERIFY.



Date

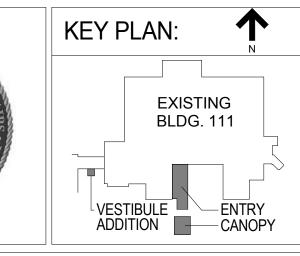
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title	Project Title		
LIGHTING SCHEDULES	Building 111 -		
	Renovate South	Entry	
Approved: Project Director	Location		
	Milwaukee, Wisc	consin	
	Date	Checked By:	Drawn By:
	June 23, 2014	R&D	R&D

FINAL CONSTRUCTION DOCUMENTS Project Number 695-12-101SCP Office of **Building Number Facilities** Management Drawing Number E600

53 = FURNISH WITH FIELD ADJUSTABLE CHEVRONS

55 = FURNISH WITH ADJUSTABLE AIR CRAFT CABLE

57 = LAMP AND BALLAST CERTIFIED FOR MIL-STD461F

58 = FURNISH WITH LOW VOLTAGE CONTROL (LVC)

54 = FURNISH WITH END CAPS

56 = FURNISH WITH IP65 RATING



PLU	MBING EQUIPM	<b>IENT</b>	SCHI	EDU	LE																											
							F	EED FRO	M		OCPD			BRAI	NCH WI	IRING				MOTOF	R CONTI	ROLLEF	}		DISCON	NECT	SWITC	H	CONNECT	ION REQU	REMENTS	SEE
NO.	SERVING	LOC.	VOLT/ PHASE	HP	FLA	KW	PANEL	CKT	BRNH	TYPE	SIZE	POLE	NO.	SIZE	GRD (Y/N)	COND	GRD SIZE	FURN BY	INST BY	WIRE BY	LOC.	TYPE	OPTIONS	FURN BY		WIRE BY	LOC.	OPTIONS	NEMA TYPE	OPTIONS	MTG HEIGHT	NOTE
PSP-1	SUMP PUMP	SFP	208/1	0.75	7.6	1.6	EDL-Q-B06-1	-	EQ	СВ	SD	SD	SD	SD	SD	SD	SD	PC	PC	EC	NU	-	-	EC	EC	EC	NU	4	-	3,10	-	SD
PDPS	DRY PIPE SYSTEM COMPRESSOR	SFP	480/3	1.5	3	2.5	ELH-LS-15-1	8,10,12	LS	СВ	15	3	3	12	Y	1/2	12	EC	EC	EC	NU	CS	5, 7, 15, 16, 17	EC	EC	EC	NU	4	-	3,10	-	-
ABBRE\	<u>'IATIONS:</u>																															
N =	NORMAL BRANCH	CB	= AMPE	RE RATI	ED CIRC	CUIT BRE	EAKER		MFR =	MANU	JFACTU	RER				2SP =	2 SPE	ED MAG	NETIC	CONTR	ROLLER		SFS =	SEE F	OOD SE	ERVICI	E PLAN	S	SA =	SEE ARC	HITECTURAL DE	ETAILS
LS =	LIFE SAFETY BRANCH	F	= AMPE	RE RATI	ED FUS	ES			PC =	PLUM	IBING C	ONTRA	CTOR			VFD =	VARIA	BLE FR	EQUEN	CY DRI	VE		SD =	SEE O	NELINE	DIAG	RAM					
CR =	CRITICAL CARE BRANCH		= OVER				DEVICE		MAN =	MANL	JAL CON	NTROL	_ER			IU =	IN UNI	T					BOL =				.D					
EQ =	EQUIPMENT SYSTEM		= ELECT						MAG =	MAGN	NETIC C	ONTRO	DLLER			NU =									HER PR							
EM =	EMERGENCY SYSTEM						RACTOR		CS =		BINATIO						ON UN								LE DISC							
ES =	ESSENTIAL SYSTEM	MC	= MECH	ANICAL	CONTR	ACTOR			RVS =	REDU	JCE VOL	TAGE	CONTI	ROLLEI	₹	SFP =	SEE F	LOOR P	LANS				LMRS =	LOCK	ABLE M	OTOR	RATED	SWITCH				
OPTION	<u>S:</u>																															
1	= SINGLE RECEPTACLE	4	= NON F	USIBLE	DISCO	NNECT	7	= LOCK	ABLE		10	= VEF	RIFY W	'ITH MA	NUFAC	CTURER	PRIOR	TO INST	ALLAT	ON	13	= GFI	RECEPTAC	LE				16	= RED / GREE	N PILOT L	GHTS	
2	= DUPLEX RECEPTACLE	5	= FUSIB	LE DISC	CONNEC	T	8	= CONC	EALED		11	= SUF	RFACE	MOUN	TED						14	= FED	FROM UPS	TREAM	1 GFI BF	REAKE	₽R	17	= NC / NO AU	X CONTAC	TS	
3	= DIRECT CONNECTION	6	= WEAT	HERPR(	OOF		9	= TOGG	LE SWI	ГСН	12	= FLU	SH MC	DUNTE	)						15	= HAN	ID / OFF / A	JT0								

### PLUMBING EQUIPMENT SCHEDULE NOTES:

GENERAL NOTE 1: COORDINATE EXACT EQUIPMENT LOCATIONS AND REQUIREMENTS OF EQUIPMENT WITH PLUMBING CONTRACTOR.

CONTR	OL MODULE SCHE	DULE
DES	INTERFACED WITH	ACTIVATION DESCRIPTION
AHUB0320A	AHU-B0320A TEMPERATURE CONTROL PANEL	INITIATES UNIT SHUT DOWN PROCEDURES UPON ALARM SIGNAL FROM UNIT DUCT SMOKE DETECTOR.
DI	DOOR HARDWARE	DISABLES AUTO OPENER AND/OR RELEASES SECURED DOORS UPON ALARM SIGNAL FROM FIRE ALARM SYSTEM

### **CONTROL MODULE SCHEDULE NOTES:**

MON	IITOR MODULE SCH	HEDULE
DES.	DEVICE MONITORED	FIRE ALARM SYSTEM RESPONSE
DPFS	DRY PIPE SYSTEM - FLOW SWITCH	INITIATES AN ALARM SIGNAL ON THE FIRE ALARM SYSTEM.
DPLP	DRY PIPE SYSTEM - LOW PRESSURE SWITCH	INITIATES A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.
DPTS	DRY PIPE SYSTEM - TAMPER SWITCH	INITIATES A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.
FSLL-1	FLOW SWITCH -LOWER LEVEL	INITIATES AN ALARM SIGNAL ON THE FIRE ALARM SYSTEM.
TSLL-1	TAMPER SWITCH - LOWER LEVEL	INITIATES A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.

# **MONITOR MODULE SCHEDULE NOTES:**

								EED FROI			OCPD				NCH W							ROLLEF					<u>SWITCI</u>			ION REQUI		SE
NO.	SERVING	LOC.	VOLT/ PHASE	HP	FLA	KW	PANEL	CKT	BRNH	TYPE	SIZE	POLE	NO.	SIZE	GRD (Y/N)	COND	GRD SIZE	FURN BY	INST BY	WIRE BY	LOC.	TYPE	OPTIONS	FURN BY		WIRE BY	LOC.	OPTIONS	NEMA TYPE	OPTIONS	MTG HEIGHT	NO.
MAC-1350A	AIR CURTAIN	1350	480/3	(4)3/4	-	-	UH-16-1	37,39,41	N	СВ	15	3	3	12	Υ	3/4	12	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3,10	-	-
MAC-1350B	AIR CURTAIN	1350	480/3	(4)3/4	-	-	UH-16-1	31,33,35	N	СВ	15	3	3	12	Υ	3/4	12	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3,10	-	-
MAC-70-D-40A	AIR CURTAIN	70-D-40	208/3	(2)3/4	-	-	SB-DL-BDN-1	-	N	СВ	SD	SD	SD	SD	SD	SD	SD	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3,10	-	-
MAC-70-D-40B	AIR CURTAIN	70-D-40	208/3	3/4	-	-	SB-DL-BDN-1	-	N	СВ	SD	SD	SD	SD	SD	SD	SD	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3,10	-	-
MACCU-B0320A	AIR COOLED CONDENSING UNIT	SFP	480/3	-	49.6	-	DH-B05-2	-	N	СВ	SD	SD	SD	SD	SD	SD	SD	MFR	MFR	EC	IU	MAG	-	EC	EC	EC	NU	4,6	-	3,10	-	-
MCP-1-B0320B	CIRCULATING PUMP	B0320A	480/3	1	2.1	1.7	LH-B03-1	2,4,6	N	СВ	15	3	3	12	Υ	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	-	3,10	-	-
MCP-2-B0320A	CIRCULATING PUMP	B0320A	480/3	1	2.1	1.7	LH-B03-1	8,10,12	N	СВ	15	3	3	12	Υ	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	-	3,10	-	-
MCP-3-B0320A	CIRCULATING PUMP	B0320A	120/1	0.33	7.2	0.9	PL-B03-1	25	N	СВ	20	1	2	12	Υ	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	-	3,10	-	-
MCUH-STR-1-18	CABINET UNIT HEATER	STAIR	120/1	(2)1/15	-	-	PL-13-1	13	N	СВ	20	1	2	12	Υ	3/4	12	MFR	MC	EC	IU	CS	-	-	-	-	-	-	-	3,10	-	-
MCUH-1351	CABINET UNIT HEATER	1351	120/1	(2)1/15	-	-	PL-13-1	15	N	СВ	20	1	2	12	Υ	3/4	12	MFR	MC	EC	IU	CS	-	-	-	-	-	-	-	3,10	-	-
MSF-B0320A	SUPPLY FAN	B0320A	480/3	15	21	17.4	LH-B03-1	14,16,18	N	СВ	50	3	3	10	Υ	3/4	10	EC	EC	EC	NU	VSMC	-	EC	EC	EC	NU	4	-	3,10	-	-
MUH-B0320A	UNIT HEATER	B0320A	120/1	1/30	1.3	0.16	PL-B03-1	23	N	СВ	20	1	2	12	Υ	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	-	3,10	-	-
MTCP-B0320A	TEMPERATURE CONTROL PANEL	B0320A	120/1	-	-	0.5	PL-B03-1	21	N	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3,10	-	-
MSCP-B0320A	CONDENSATE PUMP	B0320A	120/1	(2)1/3	-	-	PL-B03-1	19	N	СВ	25	1	2	12	Υ	3/4	12	MFR	MFR	EC	IU	CS	-	MFR	MFR	EC	IU	-	-	3,10	-	-

	IN - INURIVIAL DRAINUR	CD - AWIFERE RATED CIRCUIT DREAKER		NUFACTURER	23F - 2 3FEED WAGNETIC CONTR			SEE ARCHITECTURAL DE
	LS = LIFE SAFETY BRANCH	F = AMPERE RATED FUSES	PC = PLl	JMBING CONTRACTOR	VSMC = VARIABLE FREQUENCY DR	IVE SD = SEE ONELINE DIAG	GRAM	
	CR = CRITICAL CARE BRANCH	OCPD = OVERCURRENT PROTECTIVE DEVICE	MAN = MA	NUAL CONTROLLER	IU = IN UNIT	BOL = BUILT-IN OVERLOA	AD	
	EQ = EQUIPMENT SYSTEM	EC = ELECTRICAL CONTRACTOR	MAG = MA	GNETIC CONTROLLER	NU = NEAR UNIT	WP = WEATHER PROOF		
	EM = EMERGENCY SYSTEM	FSEC = FOOD SERVICE EQUIP. CONTRACTOR	CS = CO	MBINATION CONTROLLER	OU = ON UNIT	FD = FUSIBLE DISCONN	IECT	
	ES = ESSENTIAL SYSTEM	MC = MECHANICAL CONTRACTOR	RVS = RE	DUCE VOLTAGE CONTROLLER	SFP = SEE FLOOR PLANS	LMRS = LOCKABLE MOTOR	R RATED SWITCH	
OPTIONS:								
	1 = SINGLE RECEPTACLE	4 = NON FUSIBLE DISCONNECT	7 = LOCKABLE	10 = VERIFY WITH MANUF	FACTURER PRIOR TO INSTALLATION	13 = GFI RECEPTACLE	16 = RED / GREEN PILOT LIG	HTS
	2 = DUPLEX RECEPTACLE	5 = FUSIBLE DISCONNECT	8 = CONCEALED	11 = SURFACE MOUNTED	)	14 = FED FROM UPSTREAM GFI BREAKER	17 = NC / NO AUX CONTACTS	S

15 = HAND / OFF / AUTO

9 = TOGGLE SWITCH 12 = FLUSH MOUNTED

#### MECHANICAL EQUIPMENT SCHEDULE NOTES:

3 = DIRECT CONNECTION

GENERAL NOTE 1: COORDINATE EXACT EQUIPMENT LOCATIONS AND REQUIREMENTS OF EQUIPMENT WITH MECHANICAL CONTRACTOR.

6 = WEATHERPROOF

								EED FRC			OCPD				NCH WI						CONT				DISCON					TION REQU		SEI
NO.	SERVING	LOC.	VOLT/ PHASE	HP	FLA	KW	PANEL	CKT	BRNH	TYPE	SIZE	POLE	NO.	SIZE	GRD (Y/N)	COND	GRD SIZE	FURN BY	INST BY	WIRE BY	LOC.	TYPE	OPTIONS	FURN BY	INST BY	WIRE BY	LOC.	OPTIONS	NEMA TYPE	OPTIONS	MTG HEIGHT	NO
AD	AUTO DOOR	SFP	120/1	-	-	0.5	SFP	SFP	SFP	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3,10	-	5,0
AD1	AUTO DOOR	SFP	120/1	-	-	0.5	SFP	SFP	SFP	СВ	20	1	2	6	Υ	1	6	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3,10	-	5,6
BK	BIKE	SFP	120/1	-	12	-	SFP	SFP	N	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1 -
BM	BALANCE MASTER	SFP	120/1	-	12	-	SFP	SFP	N	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1 -
CM	CCTV MONITOR	SFP	120/1	-	-	-	SFP	SFP	CR	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2,10	-	3
СР	COPY/PRINTER	SFP	120/1	-	-	1.5	SFP	SFP	SFP	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2,10	-	1 -
DH	DOOR HARDWARE	SFP	120/1	-	-	0.5	SFP	SFP	SFP	СВ	20	1	2	6	Υ	1	6	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3,10	-	1 -
EL	ELLIPTICAL	SFP	120/1	-	12	-	SFP	SFP	N	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1 -
MW	MASTER WALL STATION - INTERCOM	SFP	120/1	-	-	-	SFP	SFP	CR	СВ	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3,10	-	-
PED	POWER OUTLET PANELS	SFP	120/1	-	-	-	SFP	SFP	N	СВ	40	1	2	3	Υ	1 1/4	6	-	-	-	-	-	-	EC	EC	EC	NU	4,6	-	3,10	-	
PL	PATIENT LIFT	SFP	120/1	-	-	0.5	SFP	SFP	CR	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2,10	-	8
PT	PRINTER	SFP	120/1	-	-	1.2	SFP	SFP	SFP	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2,10	-	4
RF	REFRIGERATOR	SFP	120/1	-	-	1.2	SFP	SFP	SFP	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2,10	-	T -
SA	SAFE	SFP	120/1	-	-	-	SFP	SFP	CR	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2,10	-	T -
TR	TREADMILL	SFP	120/1	-	12	-	SFP	SFP	N	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
TV	TELEVISION	SFP	120/1	-	-	0.5	SFP	SFP	SFP	СВ	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1
WS	WELCOME SIGN LIGHT	SFP	120/1	-	-	0.5	SFP	SFP	CR	СВ	20	1	2	12	Υ	3/4	12	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3	-	7
N = LS = CR = EQ = EM =	VIATIONS:  NORMAL BRANCH LIFE SAFETY BRANCH CRITICAL CARE BRANCH EQUIPMENT SYSTEM EMERGENCY SYSTEM ESSENTIAL SYSTEM  SS: = SINGLE RECEPTACLE	OCPD EC FSEC MC	= AMPEFFF = AMPEFFF = OVER(FOR STATE = FOOD = MECH.FOOD = NON FOR STATE = NON	RE RATE CURREN RICAL ( SERVIC ANICAL	ED FUSI NT PRO CONTRA EE EQUI CONTR	ES TECTIVE ACTOR P. CONT ACTOR	DEVICE		MAN = MAG = CS = RVS =	PLUM MANU MAGN COME	IBING C JAL COI NETIC C BINATIC ICE VOI	RER ONTRA NTROLL ONTRO ON CONT LTAGE (	ER LLER ROLL CONTR	ROLLE		VFD = IU = NU = OU = SFP =	2 SPEI VARIA IN UNI NEAR ON UN SEE F	BLE FRI T UNIT IIT LOOR P	EQUEN	CY DRI	VE		BOL = WP =	SEE C BUILT WEAT FUSIB LOCK	NELINE IN OVE HER PE LE DIS	E DIAGI ERLOAI ROOF CONNE	RAM ) .CT		SA =	SEE ARC	HITECTURAL D	ETAIL

# **GENERAL EQUIPMENT SCHEDULE NOTES:**

1. MOUNT EQUIPMENT CONNECTION AT 12" BELOW FINISHED CEILING.

2. MOUNT EQUIPMENT CONNECTION IN CEILING. VERIFY & COORDINATE EXACT LOCATION & EQUIPMENT REQUIREMENTS OF CHARGING STATION WITH GENERAL CONTRACTOR PRIOR TO COMMENCING WORK.

9 = TOGGLE SWITCH 12 = FLUSH MOUNTED

3. MOUNT EQUIPMENT CONNECTION AT 12" BELOW FINISHED CEILING.

4. MOUNT EQUIPMENT CONNECTION 6" ABOVE COUNTER.

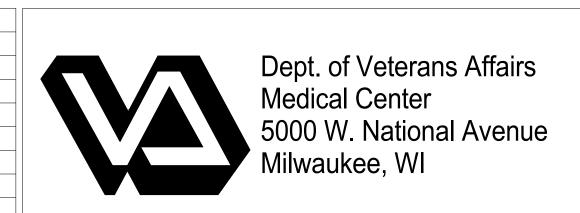
3 = DIRECT CONNECTION

5. INSTALL & WIRE PUSH PLATES AS INDICATED ON FLOOR PLANS. 6. WIRE CONTROLS ASSOCIATED WITH THIS DOOR PER MANUFACTURER'S REQUIREMENTS.

7. COORDINATE EXACT REQUIREMENTS & LOCATION OF OWNER FURNISHED SIGN WITH GENERAL CONTRACTOR & MANUFACTURER PRIOR TO COMMENCING WORK.

8. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PATIENT LIFT MANUFACTURER PRIOR TO COMMENCING WORK.

6 = WEATHERPROOF



Date

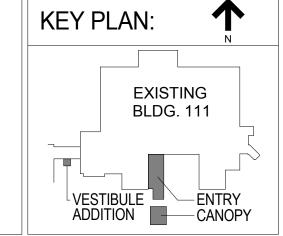
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









rawing Title	Project Title	
POWER SCHEDULES	Building 111 -	
3 W Z I X 3 G I Z 3 G Z 2	Renovate South	Entry
oproved: Project Director	Location	
	Milwaukee, Wisc	consin
	Date	Checked

FINAL CONSTRUCTION DOCUMENTS Project Number 695-12-101SCP Office of Building Number **Facilities** Management Drawing Number

Department of Veterans Affairs

R&D June 23, 2014

E610 Checked By: Drawn By: R&D

	PAN	EL N	AME:	UH-16-1	PA	ANEL L	OCA	ΓΙΟN:	1601AEC
	F	ED FI	ROM:				BRA	NCH:	N
	M	AIN T	YPE:	MCB		\	/OLT	AGE:	480/277 3Ø 4W Wye
P/	ANEL B	US A	MPS:	200		Alc	RA	ΓING:	25kA
PANEL LOAD (kVA):				24	PANE	L LOA	D (AN	29	
CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	3		EXISTING	2	20	1		EXISTING
3					4	20	1		EXISTING
5					6	20	1		EXISTING
7	20	1		EXISTING	8	20	1		EXISTING
9	20	1		EXISTING	10	20	1		EXISTING
11	20	1		EXISTING	12	20	1		EXISTING
13	20	1		EXISTING	14	20	1		EXISTING
15	20	1		EXISTING	16	20	1		EXISTING
17	20	1		EXISTING	18	20	1		EXISTING
19					20	20	1		Main Entry Normal
21					22	20	1		Main Entry Normal
23					24	20	1		Canopy
25					26				
27					28				
29					30				
31	15	3		MAC-1350B	32				
33					34				
35					36				
37	15	3		MAC-1350A	38				
39					40				
41					42				

PANEL IS EXISTING.
 PANELBOARD IS CUTLER HAMMER, MODEL PRL2A.

	FI	ED FF	ROM:				BRA	NCH:	LS			
	M	AIN T	YPE:	MLO		1	/OLT	AGE:	208/120 3Ø 4W Wye			
PA	NEL B	JS A	MPS:	225		Al	C RA	ΓING:	30kA			
PANEL LOAD (kVA): 2						PANEL LOAD (AMPS): 4						
CIRCUII #	АМР	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS			
1	20	1		EXISTING	2	20	1		EXISTING			
3	20	1		EXISTING	4	20	1		EXISTING			
5	20	1		EXISTING	6	20	1		EXISTING			
7	20	1		EXISTING	8	20	1		EXISTING			
9	20	1		EXISTING	10	20	3		EXISTING			
1	20	1		EXISTING	12							
3	100	3		EXISTING	14							
5					16	20	1		EXISTING			
7					18	20	1		EXISTING			
9	20	1		EXISTING	20	20	3		EXISTING			
1	20	1		EXISTING	22							
3	20	1		EXISTING	24							
25	100	3		EXISTING	26	20	1		SPARE			
27					28	20	1		(2)AD			
29					30	20	1		SPARE			

3. EXISTING CIRCUIT BREAKER #28 TO BE REUSED.

	PAN	EL N	AME:	ELH-CR-16-1	P	ANEL L	OCA	ΓΙΟΝ:	1601AEC
	FI	ED F	ROM:				BRA	NCH:	CR
	M	AIN T	YPE:	MCB		1	/OLT	AGE:	480/277 3Ø 4W Wye
PA	ANEL B	US A	MPS:	200		AIC	25kA		
PA	NEL LO	AD (	kVA):	1	PANI	EL LOA	D (AN	MPS):	1
CIRCUIT #	АМР	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT #	АМР	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		EXISTING	2	20	1		EXISTING
3	20	1		EXISTING	4	20	1		EXISTING
5	20	1		EXISTING	6	20	1		EXISTING
7	20	1		EXISTING	8	20	1		EXISTING
9	20	1		EXISTING	10	20	1		EXISTING
11	90	3		EXISTING	12	20	1		EXISTING
13					14	20	1		EXISTING
15					16	20	1		Office Critical Lightign
17					18				
19					20				
21					22				
23					24				
25					26				
27					28				
29					30				
31					32				
33					34				
35					36				
37					38				
39					40				
41					42				
1.	EL NOT PANEL PANEL	SISE		G. CUTLER HAMMER, MODEL PI	RL2A.				

PANE # #	M/ EL BI	AIN T	ROM: YPE:	MCB			BRA	NCH:	LS
PANE # #	EL BI		YPE:	MCR					
PANE # #		JS AI		INIOD		\	/OLT	AGE:	480/277 3Ø 4W Wye
# CIRCUI	EL LO		MPS:	100		Alc	C RAT	ΓING:	14kA
		AD (ŀ	(VA):	8	PANE	10			
	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT#	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		EXISTING	2	20	1		EXISTING
3	20	1		EXISTING	4	20	1		EXISTING
5	20	1		EXISTING	6	20	1		EXISTING
7	20	1		EXISTING	8	15	3		PDPS
9	20	1		EXISTING	10				
11	20	1		EXISTING	12				
13	20	1		EXISTING	14	20	1		Main Entry EM
15	20	1		EXISTING	16	20	1		Stair 1
17	20	1		EXISTING	18	20	1		Exit Signs
19	20	1		EXISTING	20	20	1		Canopy
21	20	1		EXISTING	22				
23	20	1		EXISTING	24				
25	20	1		EXISTING	26				
27					28				
29					30				
31					32				
33					34				
35					36				
37					38				
39					40				
<b>11</b>					42				



Date

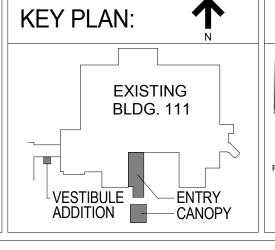
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title	Project Title		
POWER SCHEDULES	Building 111 -		
	Renovate South	Entry	
Approved: Project Director	Location		
	Milwaukee, Wisc	consin	
	Date	Checked By:	Drawn By:
	June 23, 2014	R&D	R&D

FINAL CONSTRUCTION DOCUMENTS Project Number 695-12-101SCP Office of Building Number **Facilities** Management Drawing Number E611

	PAN	EL N	AME:	EPL-LS-11-2	PA	ANEL L	OCA	ΓΙΟN:	1167EC
	FI	ED FI	ROM:				BRA	NCH:	LS
-	M	AIN T	YPE:	MCB		\	/OLT	AGE:	208/120 3Ø 4W Wye
PA	NEL B	US A	MPS:	225		AIC	RA	ΓING:	65kA
PAI	NEL LO	AD (I	kVA):	4	PANE	EL LOA	D (Al	MPS):	11
CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		EXISTING	2	20	1		EXISTING
3	20	1		EXISTING	4	20	1		EXISTING
5	20	1		(2)DH	6	20	1		EXISTING
7	20	1		(2)AD1	8				
9	20	1		(2)AD1	10				
11				(=)	12				
13					14				
15					16				
17					18				
19					20				
21					22				
23					24				
25					26				
27					28				
29					30				
31					32				
33					34				
35					36				
37	100	3		EXISTING	38				
39					40				
41					42				

PANEL IS EXISTING.
 PANELBOARD IS CUTLER HAMMER, MODEL PRL1A.

	PAN	EL N	AME:	PL-13-1	PA	ANEL L	OCA <sup>-</sup>	ΓΙΟN:	1360
	F	ED F	ROM:	PL-B03-1			BRA	NCH:	N
	M	AIN T	YPE:	MLO		١	/OLT	AGE:	208/120 3Ø 4W Wye
PA	NEL B	US A	MPS:	200		AIC	C RA	ΓING:	10kA
PANEL LOAD (kVA):		kVA):	14	PANE	EL LOA	D (Al	MPS):	40	
CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		GEN REC	2	20	1		1358
3	20	1		GEN REC	4	20	1		1358
5	20	1		GEN REC	6	20	1		1358
7	20	1		1355	8	20	1		KS
9	20	1		1355	10				
11	20	1		1355	12				
13	20	1		MCUH-STR-1-18	14				
15	20	1		MCUH-1351	16				
17					18				
19					20				
21					22				
23	20	1		SPARE	24	20	1		SPARE
25	20	1		SPARE	26	20	1		SPARE
27	20	1		SPARE	28	20	1		SPARE
29	20	1		SPARE	30	20	1		SPARE
31	20	1		SPARE	32	20	1		SPARE
33	20	1		SPARE	34	20	1		SPARE
35	20	1		SPARE	36	20	1		SPARE
37	20	1		SPARE	38	20	1		SPARE
39	20	1		SPARE	40	20	1		SPARE
41	20	1		SPARE	42	20	1		SPARE

2. PROVIDE WITH FEED-THROUGH LUGS.

	PAN	EL N	AME:	LH-B03-1	P	ANEL L	OCA	ΓΙΟN:	B0320A
	20 1			DH-B05-2			BRA	NCH:	N
	M	AIN T	YPE:	MLO		١	/OLT	AGE:	480/277 3Ø 4W Wye
P/	ANEL B	US A	MPS:	100		AIC	C RA	ΓING:	14kA
PA	NEL LO	AD (I	kVA):	36	PANE	EL LOA	D (Al	MPS):	44
CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT #	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		Lighting Normal	2	15	3		MCP-1-B0320A
3					4				
5					6				
7					8	15	3		MCP-2-B0320A
9					10				
11					12				
13					14	50	3		MSF-B0320A
15					16				
17					18				
19					20				
21					22				
23	20	1		SPARE	24	20	1		SPARE
25	20	1		SPARE	26	20	1		SPARE
27	20	1		SPARE	28	20	1		SPARE
29	20	1		SPARE	30	20	1		SPARE
31	20	1		SPARE	32	20	1		SPARE
33	20	1		SPARE	34	20	1		SPARE
35	20	1		SPARE	36	20	1		SPARE
37	20	1		SPARE	38	20	1		SPARE
39	20	1		SPARE	40	20	1		SPARE
41	20	1		SPARE	42	20	1		SPARE

PANEL NOTES:

PANEL IS NEW.
 PROVIDE WITH FEED-THROUGH LUGS,

	PAN	EL N	AME:	PL-B03-1	P	ANEL L	OCA	ΓΙΟΝ:	B0320A
	FI	ED FI	ROM:	DL-B05-2			BRA	NCH:	N
	M	AIN T	YPE:	MLO		١	/OLT	AGE:	208/120 3Ø 4W Wye
PA	PANEL BUS AMPS:		MPS:	200		AIC	RA	ΓING:	18kA
PA	ANEL LOAD (kVA):		kVA):	31		EL LOA	D (Al	MPS):	87
CIRCUIT#	АМР	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT#	АМР	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		TR	2	20	1		TR
3	20	1		TR	4	20	1		EL
5	20	1		TR	6	20	1		EL
7	20	1		TV'S	8	20	1		GEN. REC
9	20	1		BK	10	20	1		GEN. REC
11	20	1		BK	12	20	1		BK
13	20	1		BK	14	20	1		BK
15	20	1		BK	16	20	1		EL
17	20	1		EL	18	20	1		BM
19	25	1		MSCP-B0320A	20				
21	20	1		MTCP-B0320A	22		<u> </u>		
23	20	1		MUH-B0320A	24	20	1		SPARE
25	20	1		MCP-3-B0320A	26	20	1		SPARE
27	20	1		SPARE	28	20	1		SPARE
29	20	1		SPARE	30	20	1		SPARE
31	20	1		SPARE	32	20	1		SPARE
33	20	I		SPARE	34	20	l l		SPARE
35	20	1		SPARE	36	20	1		SPARE
37	20	1		SPARE	38	20	1		SPARE
39	20	1		SPARE	40	20	1		SPARE
41	20	1		SPARE	42	20	1		SPARE

PANEL NOTES:

1. PANEL IS NEW.

PANEL IS NEW.
 PROVIDE WITH FEED-THROUGH LUGS.

	PAN	EL N	AME:	EPL-CR-13-1	P	ANEL L	OCA	ΓΙΟN:	1360
	FI	ED F	ROM:	ELH-CR-13-1			BRA	NCH:	CR
	M	AIN T	YPE:	MCB		\	/OLT	AGE:	208/120 3Ø 4W Wye
PA	NEL B	US A	MPS:	100		AIC	RA	ΓING:	10kA
PA	NEL LO	AD (	kVA):	13	PANI	EL LOA	D (Al	MPS):	37
CIRCUIT#	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS	CIRCUIT#	AMP	POLES	OPTIONS & ACC.	NAME, DESCRIPTION AND REMARKS
1	20	1		SPARE	2	20	1		1358
3	20	1		GEN. REC LL	4	20	1		RF, 1358
5	20	1		GEN. REC LL	6	20	1		SA, 1358
7	20	1		1355	8	20	1		CM,MW, 1358
9	20	1		CP, 1355	10	20	1		KS
11	20	1		RF, 1355	12	20	1		WS, 1351
13	20	1		1351	14	20	1		PT, 1358
15	20	1		PL, B0320	16				
17					18				
19					20				
21					22				
23	20	1		SPARE	24	20	1		SPARE
25	20	1		SPARE	26	20	1		SPARE
27	20	1		SPARE	28	20	1		SPARE
29	20	1		SPARE	30	20	1		SPARE
31	20	1		SPARE	32	20	1		SPARE
33	20	1		SPARE	34	20	1		SPARE
35	20	1		SPARE	36	20	1		SPARE
37	20	1		SPARE	38	20	1		SPARE
39	20	1		SPARE	40	20	1		SPARE
41	20	1		SPARE	42	20	1		SPARE

PANEL NOTES:

PANEL IS NEW.
 PROVIDE WITH FEED-THROUGH LUGS.

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

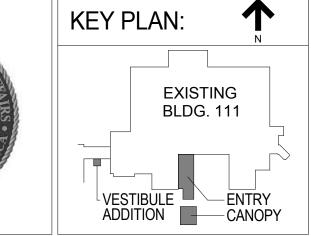
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978









rawing Title	Project Title
POWER SCHEDULES	Building 111 -
	Renovate South Entr
pproved: Project Director	Location
,	Milwaukee, Wisconsi
	Date

June 23, 2014

FINAL CONSTRUCTION DOCUMENTS Project Number 695-12-101SCP Office of Building Number **Facilities** Management Drawing Number

Department of Veterans Affairs

cked By: Drawn By: R&D

E612



 $\langle D \rangle$  DOOR HARDWARE INSTALLATION - SEE DETAILS, ARCHITECTURAL PLANS & SPECIFICATIONS

**NOTE DESCRIPTIONS -**

PLAN OR DETAIL.

DETAIL NOTES - NOTES THAT APPLY TO A SPECIFIC DETAIL.

GENERAL NOTES -SHEET NOTES

KEYED NOTES

LABELING -

NOTES THAT APPLY TO ALL DRAWINGS WITHIN THE DRAWING SET

PROVIDE LABELING IN ACCORDANCE WITH ANSI/EIA/TIA-606-A. ALL LETTERING FOR VOICE AND DATA CIRCUITS

HANDWRITTEN LABELS ARE NOT ACCEPTABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SHALL BE STENCILED USING LASER PRINTERS, INKJET PRINTERS, OR THERMAL INK TRANSFER PROCESS.

 NOTES THAT APPLY TO THE SHEET ON WHICH THEY APPEAR. - NOTES THAT APPLY TO AN AREA, ITEM AND/OR DEVICE ON A FLOOR

(ALL ABBREVIATIONS SHOWN MAY NOT APPEAR ON DRAWINGS) ABOVE FINISHED FLOOR AFG ABOVE FINAL GRADE ALT ALTERNATE ALTERNATE SWITCH ALT SW ARCH ARCHITECT BELOW FINISHED CEILING BELOW FINISHED GRADE BUILDING BUILT IN OVERLOAD BOL BPC BRKR BOLTED PRESSURE CONTACT SWITCH BREAKER CIRCUIT BREAKER CKT CLG CIRCUIT CEILING CONTROL PANEL COMBINATION STARTER DUAL ELEMENT FUSES DISC DN DISCONNECT ELECTRICAL CONTRACTOR ELEV ELEVATION **EMERGENCY ELECTRIC METALLIC TUBING** END OF LINE RESISTOR EXPLOSION PROOF EXISTING REMOVE FROM SERVICE ERL EXISTING RELOCATED EXPOSED STRUCTURE ETR EXISTING TO REMAIN EXISTING ELECTRIC WATER COOLER **FURNISHED BY OTHERS** FDR FFFDFR FIXT **FIXTURE FLUOR FLUORESCENT** FLR FLOOR FLOW SWITCH FULL VOLTAGE NON-REVERSING **FVNR** GENERAL CONTRACTOR GROUND FAULT INTERRUPTED GRC GRD GALVANIZED RIGID CONDUIT GROUND GRDG GYP GROUNDING GYPSUM BOARD HOA HAND-OFF-AUTO SWITCH HEATING, VENTILATING, & AIR CONDITIONING HVAC INTERLOCK INTERMEDIATE METALLIC CONDUIT JUNCTION BOX KILO VOLTAMPERE LAY-IN GRID LTG LIGHTING LOW VOLTAGE LINE VOLTAGE THERMOSTAT MAGNETIC STARTER MAN MANUAL STARTER MECHANICAL CONTRACTOR MCB MAIN CIRCUIT BREAKER MCC MOTOR CONTROL CENTER MDP MLO MAIN DISTRIBUTION PANEL MAIN LUGS ONLY MSB MAIN SWITCHBOARD MTD MOUNTED NOT IN CONTRACT NEAR UNIT ON UNIT POLE PUSH BUTTON PEND PENDANT PLUMBING CONTRACTOR PNEUMATIC SWITCH PLBG PLUMBING PNL PVC POLYVINYL CHLORIDE REMAIN AS IS RE/CKT RECONNECT TO EXISTING CIRCUIT RECEPT RECEPTACLE RVS REDUCED VOLTAGE STARTING SELECTOR SWITCH SEL SW SP SW SPEED SWITCH SURF SURFACE SWITCH TIME CLOCK TEMPERATURE CONTROL CONTRACTOR TEMPERATURE CONTROL PANEL UNDERGROUND UG UNIVERSAL

USS WP

XFMR

UNIT SUBSTATION WEATHERPROOF

TRANSFORMER

**ABBREVIATIONS:** 

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

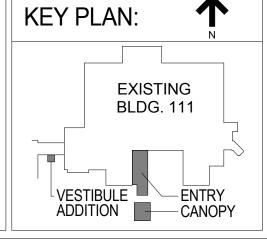
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0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978



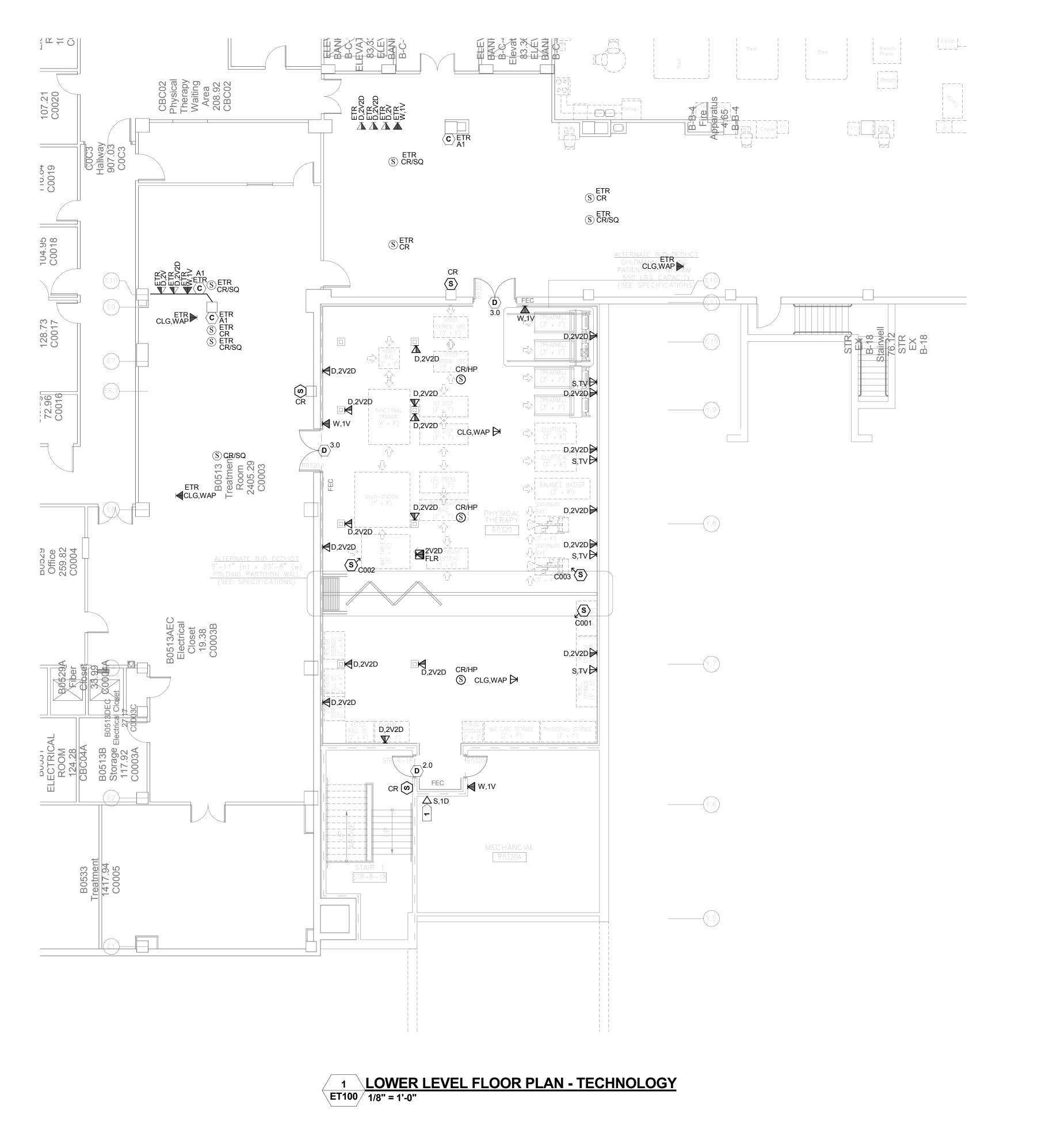








			FINAL CONSTR	UCTION DOCUMENTS
Drawing Title TECHNOLOGY SYMBOLS,	Project Title Building 111 -		Project Number 695-12-101SCP	Office of
ABBREVIATIONS & SHEET INDEX	Renovate South	Entry	Building Number 111	Facilities
Approved: Project Director	Location Milwaukee, Wisc	consin	Drawing Number	Management
	Date June 23, 2014	Checked By: Drawn By: R&D	ET000	Department of Veterans Affairs



1 5 9

SYMBOLS: (ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)  $\langle D \rangle$  DOOR HARDWARE INSTALLATION - SEE DETAILS, ARCHITECTURAL PLANS & SPECIFICATIONS KEYED NOTE SYMBOL — DENOTES THE FOLLOWING: (AA) AUTODOOR ACTUATOR (PUSH PLATE) XX,XX lackbreak lackbreak OUTLET, COMBINATION TELEPHONE/DATA COMMUNICATION (AM) AUTODOOR ACTUATOR (MOTION SENSOR) (AO) AUTODOOR OPERATOR INDICATES OUTLET CONFIGURATION. SEE THE (ED) ELECTRIC EXITING DEVICE TELECOMMUNICATIONS HORIZONTAL CABLING (DE) DELAYED EGRESS MODULE SCHEDULE FOR ADDITIONAL INFORMATION. (EL) ELECTROMAGNETIC LOCK (ES) ELECTRIC STRIKE - INDICATES OUTLET MOUNTING HEIGHT. (KS) KEY SWITCH (C) MOUNTED ABOVE COUNTER (PS) POWER SUPPLY D) DESK TYPE (STANDARD MOUNTING HEIGHT) (PT) POWER TRANSFER HINGE (F) FLOOR (SEE POWER PLAN FOR FLOOR BOX OR (RL) RELAY MODULE POKE THRU LOCATION) (RM) SEPARATELY MOUNTED REQUEST TO EXIT MOTION (M) MOUNTED IN MULTI-OUTLET ASSEMBLY SENSOR NOT ASSOCIATED WITH SECURITY SYSTEM SHOWN ON POWER PLAN (XX) TYPICAL DOOR HARDWARE GROUP - SEE ARCHITECTURAL (S) SPECIAL MOUNTING HEIGHT EITHER INDICATED DOOR HARDWARE INSTALLATION GUIDELINES DETAIL ON ON THE DRAWINGS OR AS INDICATED IN THE SHEET ET500. ASSOCIATED ARCHITECTURAL ELEVATIONS. (XX - DENOTES SPECIFIC TYPE) (T) TELEPOWER POLE (SEE POWER PLAN FOR TELEPOWER POLE LOCATION) SECURITY, ACCESS CONTROL AND DOOR MONITORING (W) WALL MOUNTED — INDICATES MOUNTING HEIGHT WHEN SHOWN. — DENOTES THE FOLLOWING: FLOOR RECEPTACLE, TELEPHONE (CR) CARD READER (CXX) CLOSED CIRCUIT CAMERA - SEE CAMERA SCHEDULE (XX - DENOTES SPECIFIC UNIT) XX,XX OUTLET TELEPHONE; LETTER INDICATES AS FOLLOWS: XX C CLOCK SYSTEM INDICATES OUTLET CONFIGURATION. SEE THE TELECOMMUNICATIONS HORIZONTAL CABLING SCHEDULE FOR ADDITIONAL INFORMATION. DENOTES THE FOLLOWING: (A1) ANALOG TYPE, 12" DIAMETER ROUND, SINGLE FACED — INDICATES OUTLET MOUNTING HEIGHT. (C) MOUNTED ABOVE COUNTER (D) DESK TYPE (STANDARD MOUNTING HEIGHT) XX/XX S CEILING PAGING AND SOUND SYSTEM (J) JACK TYPE ` (M) MOUNTED IN MULTI-OUTLET ASSEMBLY SHOWN ON POWER PLAN DENOTES THE FOLLOWING: (S) SPECIAL MOUNTING HEIGHT EITHER INDICATED (DP) DEPARTMENTAL PAGING ON THE DRAWINGS OR AS INDICATED IN THE (HP) HOUSE PAGING ASSOCIATED ARCHITECTURAL ELEVATIONS. (HW) COMBINATION HOUSE PAGING & WIRED RADIO (W) WALL MOUNTED (LM) LOCAL MUSIC (PC) PROCEDURE ROOM - TWO WAY COMMUNICATION (PM) PROCEDURE ROOM - MUSIC SYSTEM (TS) TELEVISION SOUND REINFORCEMENT SYSTEM INDICATES MOUNTING HEIGHT WHEN SHOWN. (WR) WIRED RADIO XX,XX V OUTLET DATA ONLY - DENOTES THE FOLLOWING: (CR) CEILING MOUNTED RECESSED SPEAKER (CS) CEILING MOUNTED SURFACE SPEAKER (MC) MICROPHONE JACK - CEILING MOUNTED INDICATES OUTLET CONFIGURATION. SEE THE TELECOMMUNICATIONS HORIZONTAL CABLING SCHEDULE FOR ADDITIONAL INFORMATION. — INDICATES OUTLET MOUNTING HEIGHT. (C) MOUNTED ABOVE COUNTER (D) DESK TYPE (STANDARD MOUNTING HEIGHT) JACK TYPE (M) MOUNTED IN MULTI-OUTLET ASSEMBLY SHOWN ON POWER PLAN (S) SPECIAL MOUNTING HEIGHT EITHER INDICATED ON THE DRAWINGS OR AS INDICATED IN THE

**SHEET NOTES -**

DRAWINGS AND NOTES.

CEILING FOR DEVICE.

INSTALLATION.

REFERENCE SHEET ET000.

KEYED NOTES -

1. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE

SERVING VOICE AND DATA OUTLETS SHOWN ON THIS PLAN.

REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE

5. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE

6. FINAL WIRELESS ACCENT POINT LOCATIONS FOR WIRELESS ACCESS POINTS SHOWN ON THIS PLANS SHALL BE

COORDINATED AND VERIFIED BY THE VA PRIOR TO

1. DATA OUTLET FOR TEMPERATURE CONTROL PANEL.

2. SEE SHEETS A001 AND A002 FOR PROJECT PHASING

3. REFER TO E100 FOR LOCATION OF TELEPHONE CLOSET

4. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY



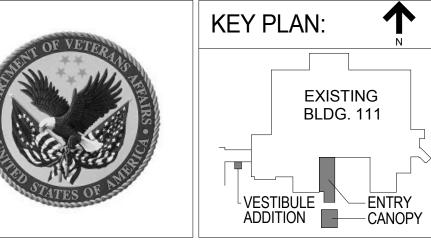
Date

one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978







Drawing Title
BUILDING 111 - PARTIAL LOWER LEVEL FLOOR PLAN - TECHNOLOGY
Approved: Project Director

(W) WALL MOUNTED

— INDICATES MOUNTING HEIGHT WHEN SHOWN.

	FINAL CONSTRI	UCTION DOCUMENTS
Project Title Building 111 - Renovate South Entry	Project Number 695-12-101SCP Building Number 111	Office of Facilities
Location Milwaukee, Wisconsin	Drawing Number	Management

June 23, 2014

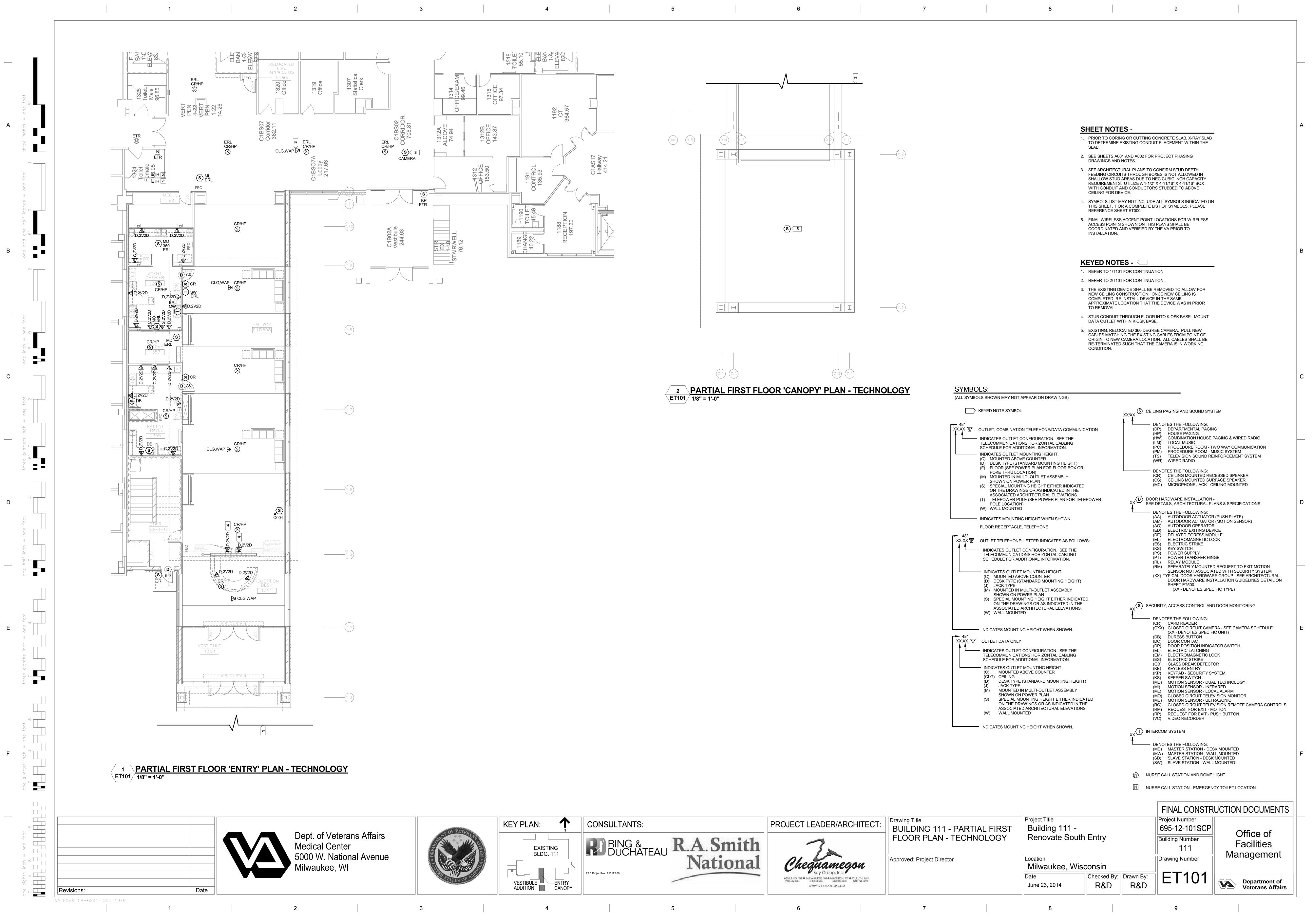
Office of **Facilities** Management ET100

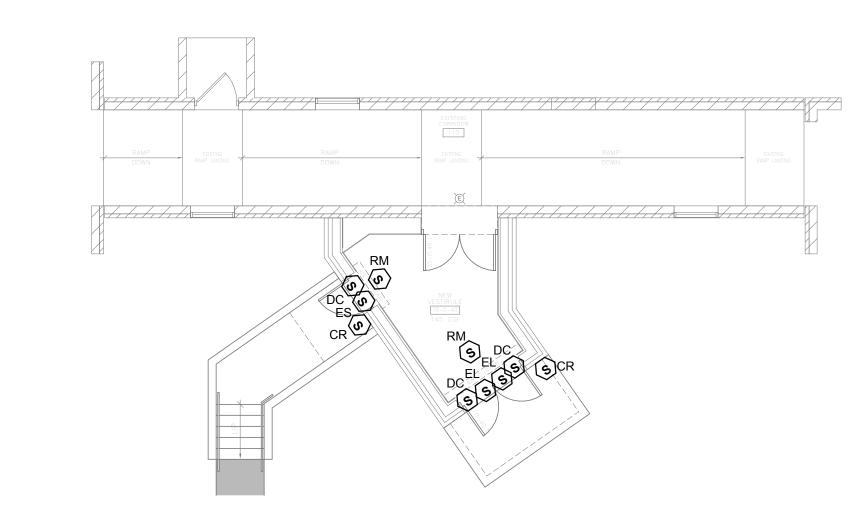
Department of Veterans Affairs

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ASSOCIATED ARCHITECTURAL ELEVATIONS.

Checked By: Drawn By: R&D R&D





PARTIAL FIRST FLOOR PLAN - CONNECTING CORRIDOR 
1 TECHNOLOGY
ET110 1/8" = 1'-0"

**SHEET NOTES -**

1. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.

2. ANY SERVICES PASSING THROUGH AREA OF WORK SHALL BE MAINTAINED AND PROTECTED DURING DEMOLITION AND CONSTRUCTION.

3. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.

4. EXISTING TO REMAIN, "ETR", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISTING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.

5. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE

6. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.

7. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR

8. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET ET000.

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

SECURITY, ACCESS CONTROL AND DOOR MONITORING

DENOTES THE FOLLOWING:

(CR) CARD READER (CXX) CLOSED CIRCUIT CAMERA - SEE CAMERA SCHEDULE (XX - DENOTES SPECIFIC UNIT)

(DB) DURESS BUTTON (DC) DOOR CONTACT (DP) DOOR POSITION INDICATOR SWITCH

(EL) ELECTRIC LATCHING
(EM) ELECTROMAGNETIC LOCK (ES) ELECTRIC STRIKE
(GB) GLASS BREAK DETECTOR
(KE) KEYLESS ENTRY

(KP) KEYPAD - SECURITY SYSTEM
(KS) KEEPER SWITCH
(MD) MOTION SENSOR - DUAL TECHNOLOGY
(MI) MOTION SENSOR - INFRARED

(ML) MOTION SENSOR - LOCAL ALARM

(MO) CLOSED CIRCUIT TELEVISION MONITOR (MU) MOTION SENSOR - ULTRASONIC (RC) CLOSED CIRCUIT TELEVISION REMOTE CAMERA CONTROLS

(RM) REQUEST FOR EXIT - MOTION
(RP) REQUEST FOR EXIT - PUSH BUTTON
(VC) VIDEO RECORDER

FINAL CONSTRUCTION DOCUMENTS Project Number

Date

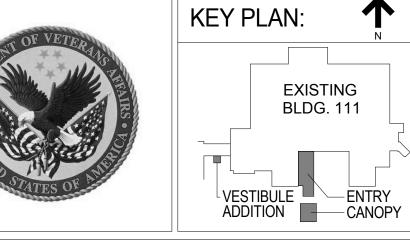
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI







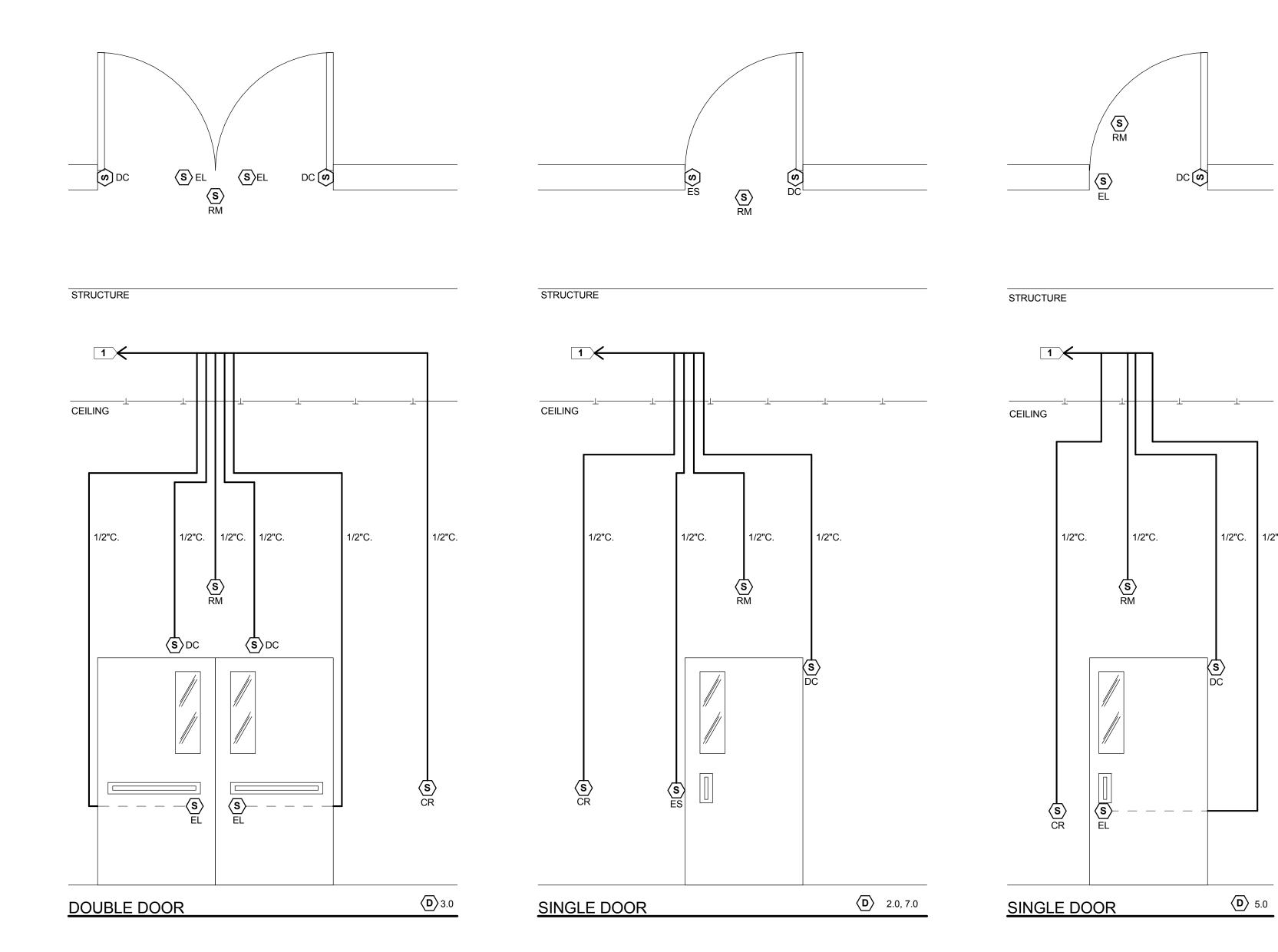
Drawing Title
BUILDING 70 - PARTIAL FIRST
FLOOR PLAN - TECHNOLOGY
Approved: Project Director

70 - PARTIAL FIRST	Project Title  Building 111 -
AN - TECHNOLOGY	Renovate South Entry
t Director	Location Milwaukee Wisconsin

June 23, 2014

Building 111 -	_	695-12-101SCP
Renovate South	n Entry	Building Number
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Office of **Facilities** Management



**DETAIL NOTES -**

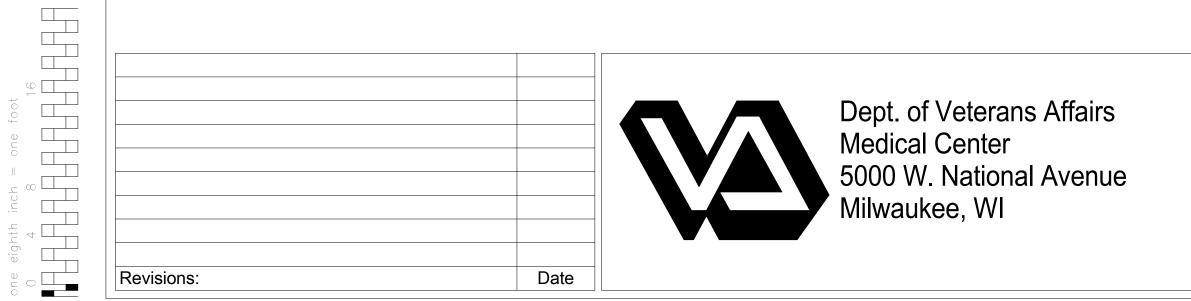
 ALL DEVICES SHOWN MAY NOT APPLY TO ALL DOORS. THE DEVICES INDICATED ARE TYPICAL DEVICES REQUIRING WORK BY THIS ELECTRICAL CONTRACTOR. THE EC SHALL REFERENCE THE ARCHITECTURAL DOOR HARDWARE SCHEDULE AND SPECIFICATION FOR ALL EQUIPMENT

ASSOCIATED WITH EACH DOOR HARDWAREGROUP. 2. ASSUME A SINGLE GANG JUNCTION BOX SHALL BE FURNISHED BY THE EC FOR EACH DOOR HARDWARE DEVICE FOR BIDDING. THE EC SHALL COORDINATE WITH THE GC AND DOOR HARDWARE VENDOR PRIOR TO THE START OF DOOR HARDWARE ROUGH-IN WORK. EC SHALL PROVIDE JUNCTION BOXES AS DEFINED IN THE DOOR HARDWARE VENDOR'S WIRING DIAGRAM.

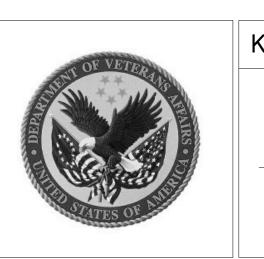
3. EC SHALL PROVIDE THE 120V CIRCUIT, BOXES AND RACEWAYS FOR EACH TYPICAL DOOR TYPE AS SHOWN ABOVE. DOOR HARDWARE EQUIPMENT INSTALLATION AND WIRING WILL BE BY OTHERS. 4. REFER TO FLOOR PLANS FOR CARD READER LOCATIONS.

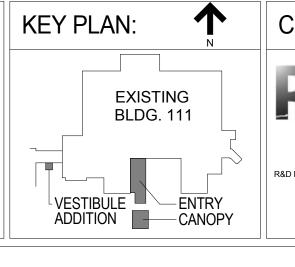
KEYED NOTES -1. WIRE BACK TO NEAREST SYSTEMS CLOSET.

1 ARCHITECTURAL DOOR HARDWARE INSTALLATION GUIDLINES
ET500 NOT TO SCALE



VA FORM 08-6231, OCT 1978





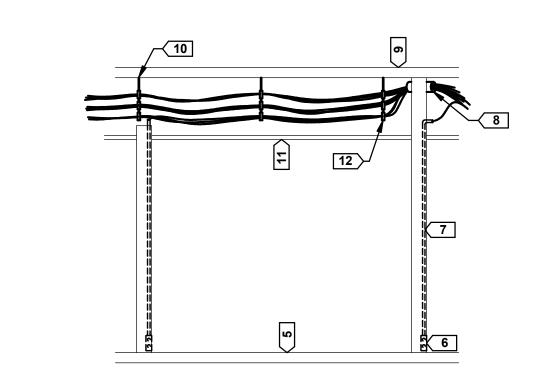


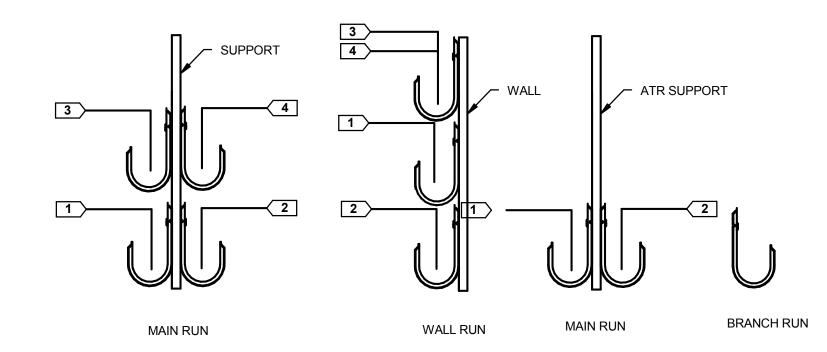


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	Approved: Project D
on	Approved: Project D
DULUTH, MN (2° 8) 728-4293	

				FINAL CONSTR	UCTION DOCUMENTS
Drawing Title	Project Title			Project Number	
TECHNOLOGY DETAILS	Building 111 -			695-12-101SCP	Ottion of
	Renovate South	Entry		Building Number	Office of
				111	Facilities
Approved: Project Director	Location			Drawing Number	Management
,	Milwaukee, Wisc	consin			
	Date	Checked By:	Drawn By:	ET500	
	June 23, 2014	R&D	R&D	L 1 000	Department of Veterans Affairs

500 Department of Veterans Affairs





ALLOWABLE J-HOOK ARRANGEMENTS LVC TO SELECT AS CONSTRUCTION DICTATES

#### **DETAIL NOTES -**

- 1. J HOOK SHALL BE SIZED FOR CABLE SIZE AND LOAD.
- 2. SPACING BETWEEN J HOOKS 4 FEET ON CENTER
- 3. INSTALL ADDITIONAL J HOOKS AS REQUIRED.

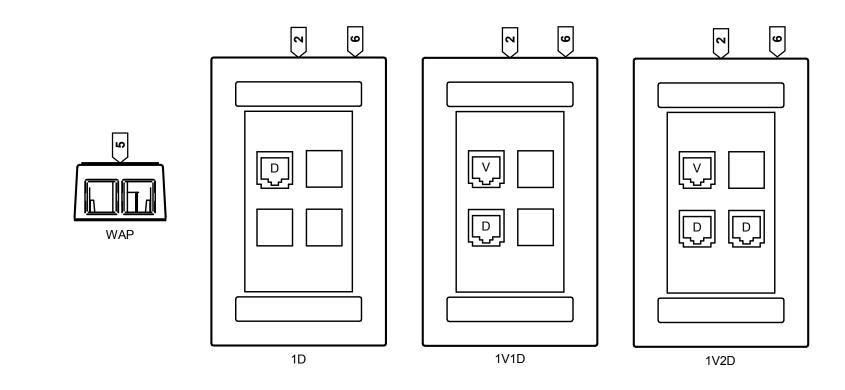
#### KEYED NOTES -

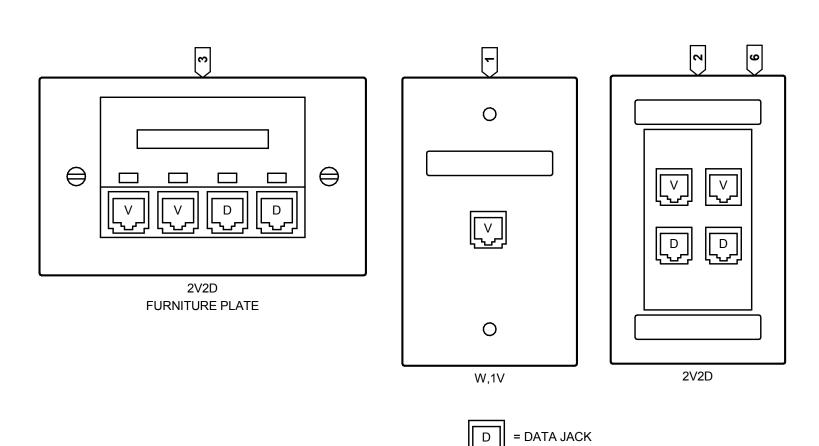
- 1. THIS HOOK IS DEDICATED FOR VOICE CABLING.
- 2. THIS HOOK IS DEDICATED FOR DATA CABLING.
- 3. THIS HOOK IS DEDICATED FOR TV CABLING.
- 4. PAGING, NURSE CALL, AND JEX
- CONCRETE FLOOR
- 6. WORK AREA OUTLET (TYPICAL)
- 7. CONDUIT TO ABOVE LAY-IN CEILING
- WALL SLEEVE
- 9. FLOOR ABOVE 10. HANGER SUPPORTED FROM STRUCTURE OF FLOOR
- ABOVE OR WALL 11. LAY-IN CEILING

12. J-HOOK (TYPICAL)

# TYPICAL CABLE SUPPORTS

ET501 NOT TO SCALE





V = VOICE JACK = BLANK INSERT

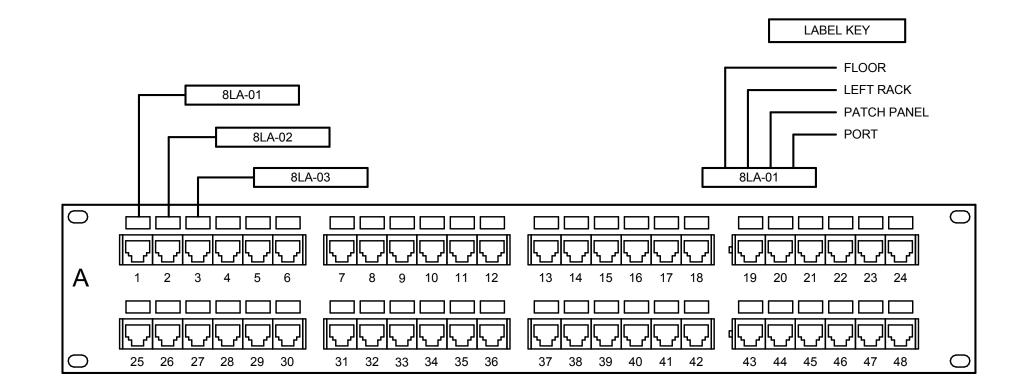
2 TYPICAL SYSTEMS FACE PLATE DETAIL
ET501 NOT TO SCALE

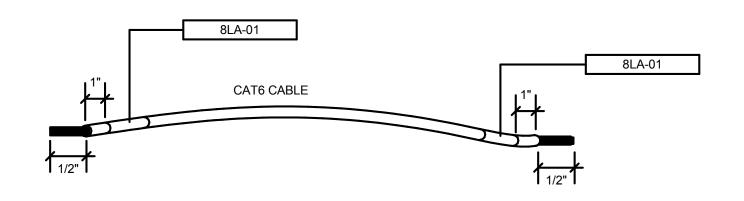
#### **DETAIL NOTES -**

1. REFER TO HORIZONTAL CABLING SCHEDULE FOR ADDITIONAL INFORMATION.

#### KEYED NOTES -

- 1. PROVIDE S.S. WALL PHONE PLATE
- 2. PROVIDE PLASTIC FACE PLATE COLOR IVORY.
- 3. PROVIDE FURNITURE PLATE MATCHING OWNER EQUIPMENT 4. PROVIDE 'F' CONNECTOR
- 5. PROVIDE SURFACE MOUNT WAP BOX ABOVE CEILING
- 6. PROVIDE 4-PORT FACEPLATE.
- 7. FACEPLATES SHALL ALLOW JACKS TO BE MOUNTED AT A 45 DEGREE DOWNWARD ANGLE PROVIDING BEND RADIUS
- PROTECTION AND STRAIN RELIEF ON THE CABLES AND CONNECTION POINTS.
- 8. PROVIDE 6-PORT FACEPLATE.

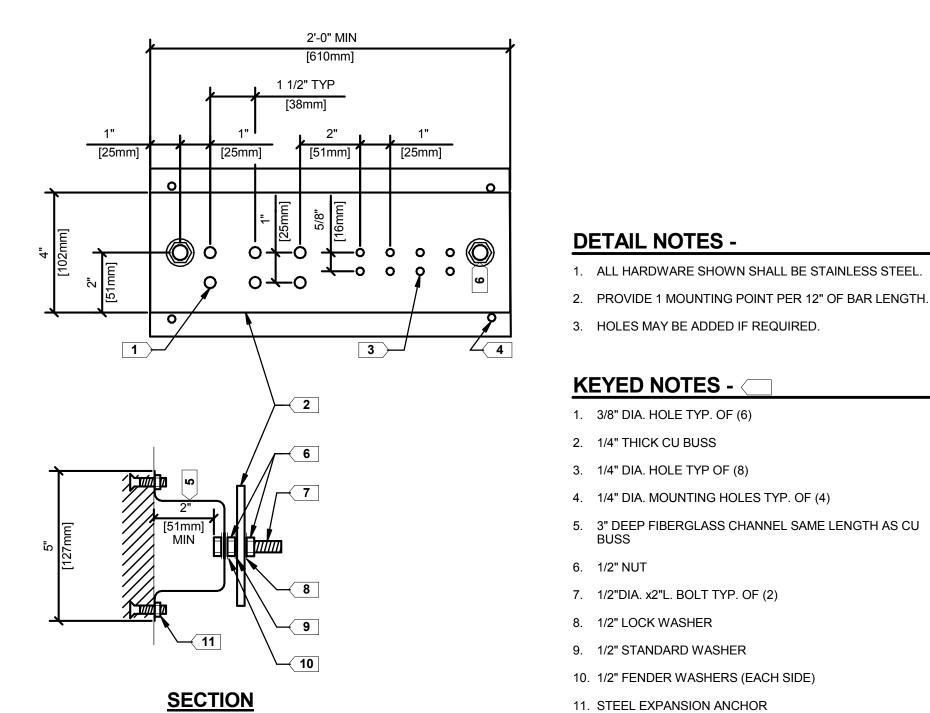




#### **DETAIL NOTES -**

- 1. EACH LABEL SHALL BE MECHANICALLY PRODUCED.
- 2. EACH LABEL SHALL CONTAIN A MINIMUM OF 6 DIGITS. VERIFY SCHEME WITH OWNER.
- 3. THERE SHALL BE 4 LABELS FOR EACH WIRE INSTALLED: TWO ON THE WIRE CABLE ONE ON THE PATCH PANEL ONE ON THE FACE PLATE
- 4. ALL NEW CAT6 VOICE AND DATA CABLES SHALL BE





4 GROUNDING BAR DETAIL

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Date

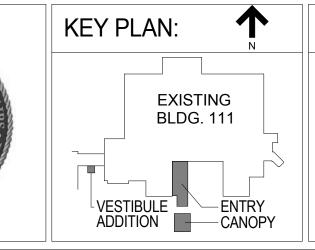
one eighth inch = one foot

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Revisions:

VA FORM 08-6231, OCT 1978









Drawing Title ASHLAND, WI • MILWAUKEE, WI • MADISON, WI • DULUTH, MN [715] 682-6004 (414) 256-6004 (608) 333-8940 (218) 726-4293 WWW.CHEQBAYGRP.COM

Project Title Building 111 -TECHNOLOGY DETAILS Renovate South Entry Approved: Project Director Location Milwaukee, Wisconsin Checked By: Drawn By

695-12-101SCP Office of **Facilities** Management

FINAL CONSTRUCTION DOCUMENTS

Department of Veterans Affairs

June 23, 2014

R&D

R&D

ET501

Project Number

Building Number

Drawing Number

HORIZONTAL CABLING SCHEDULE TYPE CABLE COLOR JACK COLOR QUANTITY TYPE CABLE COLOR JACK COLOR DETAIL CAT5E BLUE 1D CAT5E WHITE BLACK 2V2D CAT5E BLUE ORANGE CAT5E BLACK RG6 WAP CAT5E GRAY BLACK CAT5E YELLOW BLACK IP CAMERA

# **CABLE SPECIFICATIONS NOTES:**

CAMERA SCHEDULE							
DES.	LOCATION	CAMERA TYPE	LENS TYPE	ENCLOSURE TYPE	MOUNT TYPE	SEE NOTE	
C001	PHYSICAL THERAPY	IP	FIXED	DOME	CEILING	1	
C002	PHYSICAL THERAPY	IP	FIXED	DOME	CEILING	1	
C003	PHYSICAL THERAPY	IP	FIXED	DOME	CEILING	1	
C004	RECEPTION	IP	FIXED	DOME	CEILING	1	

# **CAMERA SCHEDULE NOTES:**

1. ALL CATEGORY 5E IP CAMERA CABLING SHALL BE YELLOW WITH BLACK CATEGORY 5E DATA JACKS.

Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI

Date

one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-6231, OCT 1978



KEY PLAN: EXISTING BLDG. 111 VESTIBULE — ENTRY ADDITION — CANOPY



1 9

PROJECT LEADER/ARCHITECT: Chequamegon
Bay Group, Inc. ASHLAND, WI ♠ MILWAUKEE, WI ♠ MADISON, WI ♠ DULUTH, MN (715] 482-4004 (414) 258-4004 (608) 333-8940 (218) 728-4293 WWW.CHEQBAYGRP.COM

Drawing Title Approved: Project Director

Project Title Building 111 -TECHNOLOGY SCHEDULES Renovate South Entry Location Milwaukee, Wisconsin Checked By: Drawn By

June 23, 2014

695-12-101SCP Office of **Facilities** Management

FINAL CONSTRUCTION DOCUMENTS

Project Number

Building Number

Drawing Number

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ET600